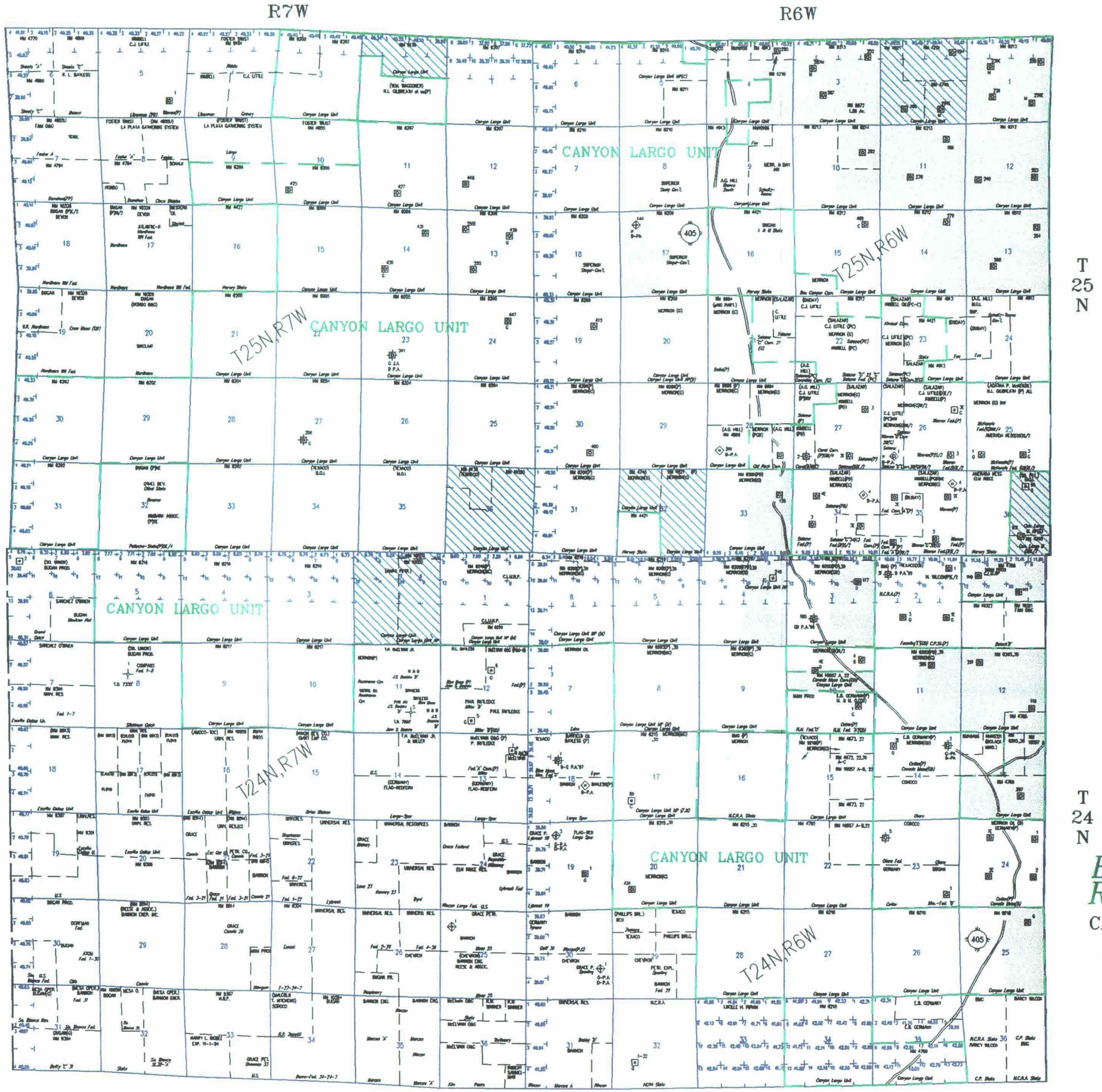


FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA

BURLINGTON RESOURCES

CANYON LARGO UNIT

DAKOTA PARTICIPATING AREA
17th Expansion Effective 12/1/83

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

February 11, 2000

BURLINGTON RESOURCES

SAN JUAN DIVISION

SEP 2 2 2000

September 20, 2000

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Richard Dembowski
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit (14-08-001-1059)
Commerciality Determination
Mesaverde Formation
Rio Arriba County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the Canyon Largo Unit Agreement, #14-08-001-1059, approved, September 18, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that the wells listed below are capable of producing unitized substances in paying quantities from the Mesaverde Formation. Burlington is seeking confirmation of the well determinations enclosed.

BR's AIN #	Well Name & Number	Well Dedication	Dedicated Lease	Completion Date	Commerciality Determination
3550802	Canyon Largo Unit #250E	E/2 1-25N-6W	SF-078885	04/23/98	Commercial
3566902	Canyon Largo Unit #294E	E/2 2-25N-6W	E-291-49 & 50	04/05/98	Commercial

Upon receipt of response from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules will be prepared and submitted.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.2

3401 East 30th St., 87402. P.O. Box 4289, Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

WORKING INTEREST OWNERS
CANYON LARGO UNIT

BEAMON/LUNDELL GROUP: Robert Beamon,Linda J.L. Lindsey, Susan B. Porter, Carolyn B. Tilley, James R. Beamon, Sharon Beamon Burns, Cathryn Beamon, Claudia M.L. Gilmer Robert W. Lundell

DUGAN PRODUCTION CORPORATION

A G HILL

J GREGORY MERRION

J GLENN TURNER JR

IRIS V BALBACH

HUGH MCMILLAN TRUST

GOLSTON TRUST

GMGF OIL ACCOUNT 3153

FRED E LUHM

FOUR STAR OIL & GAS COMPANY

JOHN R CALVIN

EDWARD M CALVIN

JUDY ST JOHN TAYLOR

D J MERRION TRUST

CYNTHIA CALVIN

CONOCO INC

CHRISTINE T BUVENS

CATHERINE FIKES

BURTON & HAWKS OIL CO

BURLINGTON RESOURCES O&G CO

BURLINGTON RESO O&G (SJBT)

BOLACK MINERALS CO

FISHER MAYS INCORPORATED

RICHARD TULLY D/B/A

WILLIAM W MERRION

WILLIAM G WEBB

VASTAR RESOURCES INC

THELMA J FAMARISS

THE WISER OIL COMPANY

SYLVIA F LITTLE

STEVEN S DUNN

STATES INC

SPEEREX LIMITED PARTNERSHIP

JOE F ELLEDGE

ROBERT L BAYLESS

WYNN-CROSBY 1994 LTD

QUESTAR EXPLORATION & PROD CO

PC LTD

MINEL INC

MERRION OIL & GAS CORP

MERRION INVESTMENT COMPANY

MARCIA PAULENE MCANALLY

LORNA R HARVEY

LELAND FIKES FOUNDATION

KIMBELL OIL COMPANY OF TEXAS

SCHULTZ HENRIETTA TR

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET
CANYON LARGO UNIT 250E

WELL INFORMATION

LEASE	CANYON LARGO UNIT 250E		
LOCATION	001025N006WSE/4 SE/4		
COUNTY, STATE	RIO ARRIBA, NEW MEXICO		
FORMATION	MESAVERDE		
PROJECT TYPE	DEVELOPMENT DRILL WELL		
WELL TYPE	GAS WELL		
OPERATOR	BURLINGTON RESOURCES OIL & GAS CO		
SPUD DATE	1/24/98		
COMP DATE	4/23/98		
1ST DELIVERY	5/1/98		
COMM GWI %	100.00	BROG GWI %	100.00
COMM NRI %	87.50	BROG NRI %	85.00
BOARD RATE %	8.00		

PRODUCTION TAXES

TAXES FOR: RIO ARRIBA, NEW MEXICO
1996-1999 Commerciality

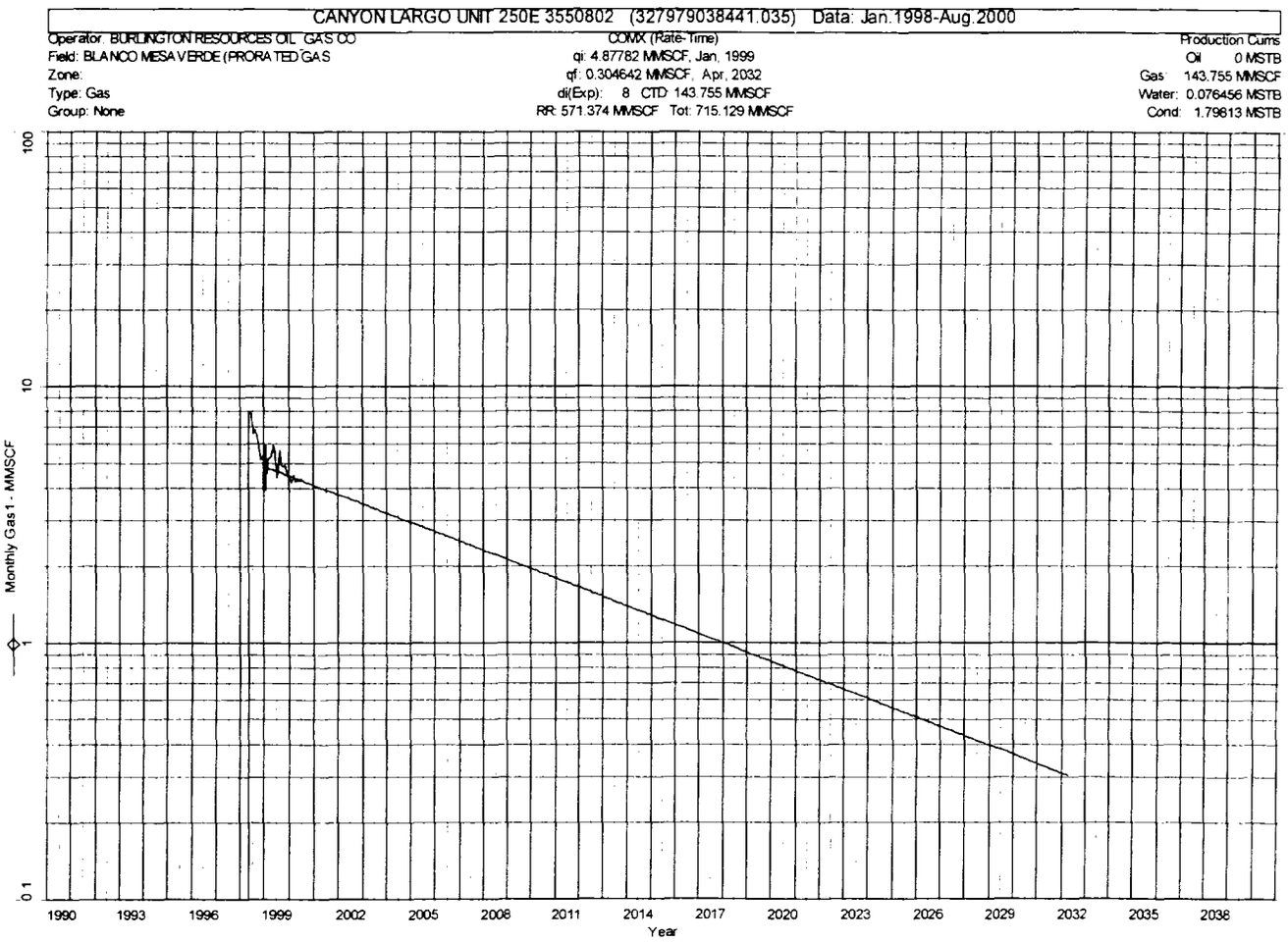
	GAS % OF REVENUE
SEVERANCE:	
Severance, School, Conservation	7.93
AD VALOREM:	
Production, Equipment	1.40
TOTAL %:	9.33

AVERAGE HEAT CONTENT

1,000 MMBtu / Mcf

WELL COST AND ECONOMICS

378.04	M$	AVERAGE WELL COST
715.13	MMCF	ULT. GROSS GAS RESERVES
212.78	MCFD	INITIAL GAS RATE
15.63	%	RATE OF RETURN
0.38	$/$	P/I, DISC. @ 8.00 %
142.81	M$	NET PRESENT VALUE, DISC. @ 8.00 %
5.36	YRS	PAYOUT



BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET
CANYON LARGO UNIT 250E

CASH FLOW SUMMARY

Date	Gas1 Rate	Gas1 Volume	Net Gas Volume	Gas1 Price	Gas Price	Net Revenue	Production Taxes	Total Opcosts	Total Oper Inc	Total Capital	Total BT Cash
	mcf/d	MMSCF	MMSCF	$/MMBTU	$/mcf	M$	M$	M$	M$	M$	M$
1998(12)	212.8	52.1	45.6	1.62	1.62	73.89	7.79	2.40	63.71	378.04	-314.33
1999(12)	167.8	61.3	53.6	1.79	1.79	95.95	10.11	3.60	82.24	0.00	82.24
2000(12)	140.4	51.4	45.0	1.79	1.79	80.46	8.48	3.60	68.38	0.00	68.38
2001(12)	130.2	47.5	41.6	1.79	1.79	74.45	7.84	3.60	63.01	0.00	63.01
2002(12)	119.8	43.7	38.3	1.79	1.79	68.49	7.22	3.60	57.68	0.00	57.68
2003(12)	110.2	40.2	35.2	1.79	1.79	63.01	6.64	3.60	52.78	0.00	52.78
2004(12)	101.1	37.0	32.4	1.79	1.79	57.97	6.11	3.60	48.27	0.00	48.27
2005(12)	93.3	34.1	29.8	1.79	1.79	53.34	5.62	3.60	44.12	0.00	44.12
2006(12)	85.8	31.3	27.4	1.79	1.79	49.07	5.17	3.60	40.30	0.00	40.30
2007(12)	79.0	28.8	25.2	1.79	1.79	45.14	4.76	3.60	36.79	0.00	36.79
2008(12)	72.4	26.5	23.2	1.79	1.79	41.53	4.38	3.60	33.56	0.00	33.56
2009(12)	66.8	24.4	21.3	1.79	1.79	38.21	4.03	3.60	30.58	0.00	30.58
2010(12)	61.5	22.4	19.6	1.79	1.79	35.15	3.70	3.60	27.85	0.00	27.85
2011(12)	56.6	20.6	18.1	1.79	1.79	32.34	3.41	3.60	25.33	0.00	25.33
2012(12)	51.9	19.0	16.6	1.79	1.79	29.75	3.13	3.60	23.02	0.00	23.02
2013(12)	47.9	17.5	15.3	1.79	1.79	27.37	2.88	3.60	20.89	0.00	20.89
2014(12)	44.1	16.1	14.1	1.79	1.79	25.18	2.65	3.60	18.93	0.00	18.93
2015(12)	40.5	14.8	12.9	1.79	1.79	23.17	2.44	3.60	17.13	0.00	17.13
2016(12)	37.2	13.6	11.9	1.79	1.79	21.31	2.25	3.60	15.47	0.00	15.47
2017(12)	34.3	12.5	11.0	1.79	1.79	19.61	2.07	3.60	13.94	0.00	13.94
Sub.	0.0	615.0	538.1	0.00	0.00	955.41	100.66	70.80	783.95	378.04	405.92
Rem.	0.0	100.1	87.6	0.00	0.00	156.78	16.52	51.30	88.96	0.00	88.96
Total	0.0	715.1	625.7	0.00	0.00	1,112.20	117.18	122.10	872.91	378.04	494.88

BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET
CANYON LARGO UNIT 294E

WELL INFORMATION

LEASE	CANYON LARGO UNIT 294E		
LOCATION	002025N006WSW/4 SE/4		
COUNTY, STATE	RIO ARRIBA, NEW MEXICO		
FORMATION	MESAVERDE		
PROJECT TYPE	DEVELOPMENT DRILL WELL		
WELL TYPE	GAS WELL		
OPERATOR	BURLINGTON RESOURCES OIL & GAS CO		
SPUD DATE	2/6/98		
COMP DATE	4/4/98		
1ST DELIVERY	4/14/98		
COMM GWI %	100.00	BROG GWI %	100.00
COMM NRI %	87.50	BROG NRI %	85.00
BOARD RATE %	8.00		

PRODUCTION TAXES

TAXES FOR: RIO ARRIBA, NEW MEXICO
1996-1999 Commerciality

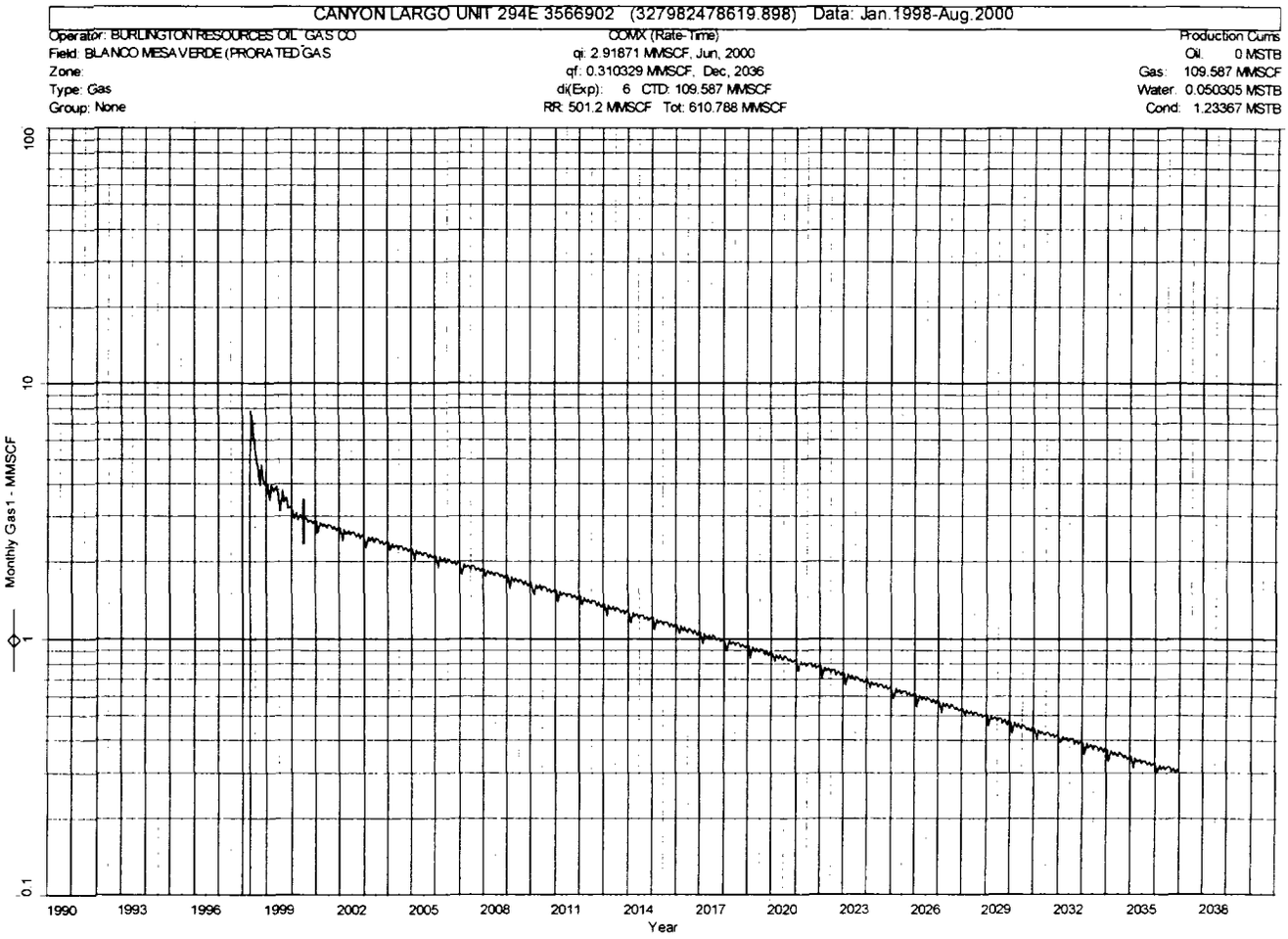
	GAS % OF REVENUE
SEVERANCE:	
Severance, School, Conservation	7.93
AD VALOREM:	
Production, Equipment	1.40
TOTAL %:	9.33

AVERAGE HEAT CONTENT

1,000 MMBtu / Mcf

WELL COST AND ECONOMICS

378.04	M$	AVERAGE WELL COST
605.72	MMCF	ULT. GROSS GAS RESERVES
164.97	MCFD	INITIAL GAS RATE
8.38	%	RATE OF RETURN
0.02	$/$	P/I, DISC. @ 8.00 %
8.09	M$	NET PRESENT VALUE, DISC. @ 8.00 %
8.84	YRS	PAYOUT



BURLINGTON RESOURCES
COMMERCIALITY DETERMINATION
BLM DATA SHEET
CANYON LARGO UNIT 294E

CASH FLOW SUMMARY

Date	Gas1 Rate	Gas1 Volume	Net Gas Volume	Gas1 Price	Gas Price	Net Revenue	Production Taxes	Total Opcosts	Total Oper Inc	Total Capital	Total BT Cash
	mcf/d	MMSCF	MMSCF	$/MMBTU	$/mcf	M$	M$	M$	M$	M$	M$
1998(12)	165.0	40.4	35.4	1.62	1.62	57.29	6.04	2.40	48.86	378.04	-329.18
1999(12)	118.2	43.1	37.8	1.79	1.79	67.57	7.12	3.60	56.85	0.00	56.85
2000(12)	96.4	35.3	30.9	1.79	1.79	55.27	5.82	3.60	45.85	0.00	45.85
2001(12)	89.7	32.7	28.6	1.79	1.79	51.27	5.40	3.60	42.27	0.00	42.27
2002(12)	84.3	30.8	26.9	1.79	1.79	48.19	5.08	3.60	39.52	0.00	39.52
2003(12)	79.2	28.9	25.3	1.79	1.79	45.30	4.77	3.60	36.93	0.00	36.93
2004(12)	74.5	27.3	23.9	1.79	1.79	42.70	4.50	3.60	34.60	0.00	34.60
2005(12)	70.0	25.6	22.4	1.79	1.79	40.03	4.22	3.60	32.21	0.00	32.21
2006(12)	65.8	24.0	21.0	1.79	1.79	37.63	3.96	3.60	30.06	0.00	30.06
2007(12)	61.9	22.6	19.8	1.79	1.79	35.37	3.73	3.60	28.04	0.00	28.04
2008(12)	58.2	21.3	18.6	1.79	1.79	33.34	3.51	3.60	26.23	0.00	26.23
2009(12)	54.7	20.0	17.5	1.79	1.79	31.25	3.29	3.60	24.36	0.00	24.36
2010(12)	51.4	18.8	16.4	1.79	1.79	29.38	3.10	3.60	22.68	0.00	22.68
2011(12)	48.3	17.6	15.4	1.79	1.79	27.62	2.91	3.60	21.11	0.00	21.11
2012(12)	45.4	16.6	14.5	1.79	1.79	26.03	2.74	3.60	19.69	0.00	19.69
2013(12)	42.7	15.6	13.6	1.79	1.79	24.40	2.57	3.60	18.23	0.00	18.23
2014(12)	40.1	14.6	12.8	1.79	1.79	22.94	2.42	3.60	16.92	0.00	16.92
2015(12)	37.7	13.8	12.0	1.79	1.79	21.56	2.27	3.60	15.69	0.00	15.69
2016(12)	35.5	13.0	11.4	1.79	1.79	20.32	2.14	3.60	14.58	0.00	14.58
2017(12)	33.3	12.2	10.6	1.79	1.79	19.05	2.01	3.60	13.44	0.00	13.44
Sub.	0.0	474.1	414.8	0.00	0.00	736.50	77.60	70.80	588.10	378.04	210.07
Rem.	0.0	131.5	115.1	0.00	0.00	206.00	21.70	68.10	116.19	0.00	116.19
Total	0.0	605.6	529.9	0.00	0.00	942.50	99.30	138.90	704.30	378.04	326.26

BURLINGTON RESOURCES

SAN JUAN DIVISION

June 27, 2000

Bureau of Land Management (3)
Attn: Mr. Richard Dembowski
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

State of New Mexico (2)
Oil Conservation Division
Energy & Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
Gallup Participating Area
26th Expansion, effective 2/1/96

Gentlemen:

Pursuant to Section 11(a) of the Unit Agreement for the referenced Unit, approved September 18, 1953, Burlington Resources Oil & Gas Company, as Unit Operator, has determined that the following well is capable of producing unitized substances in paying quantities from the Gallup formation and thereby should be admitted to the Participating Area. Pursuant to a BLM letter (copy attached), the Canyon Largo Unit #447 well has been deemed commercial.

Twenty-Sixth - Effective 2/1/1996

Well Name	Tract/Acres	Tr. Description	Comp. Date
Canyon Largo Unit #447	Tr.#21/320.00 acres	E/2 Sec.24-T25N-R7W	1/7/96
Undrilled Location (IDB)	Tr.#20/320.00 acres	E/2 Sec.25-T25N-R7W	N/A

The schedule for the Twenty-Sixth Participating Area is enclosed. The schedule describes the Participating Area and shows the percentage of unitized substances allocated to the Tracts according to the ownership within the Tracts.

We would appreciate a review and approval of this Participating Area as soon as possible. Please contact the undersigned at (505) 326-9860 if there are any questions regarding this matter. Copies of this letter are being furnished to the Working Interest Owners on the attached list.

Very truly yours,

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.4
cc: Linda Dean

3401 East 30th St., 87402. P.O. Box 4289, Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

WORKING INTEREST OWNERS
CANYON LARGO UNIT

BEAMON/LUNDELL GROUP: Robert Beamon,Linda J.L. Lindsey, Susan B. Porter, Carolyn B. Tilley, James R. Beamon, Sharon Beamon Burns, Cathryn Beamon, Claudia M.L. Gilmer Robert W. Lundell

D J MERRION TRUST

A G HILL

J GREGORY MERRION

J GLENN TURNER JR

IRIS V BALBACH

GOLSTON TRUST

GMGF OIL ACCOUNT 3153

FRED E LUHM

FOUR STAR OIL & GAS COMPANY

FISHER MAYS INCORPORATED

JOHN R CALVIN

DUGAN PRODUCTION CORPORATION

JUDY ST JOHN TAYLOR

CYNTHIA CALVIN

CONOCO INC

CHRISTINE T WILLINS

CATHERINE FIKES

BURTON & HAWKS OIL CO

BURLINGTON RESOURCES O&G CO

BURLINGTON RESO O&G (SJBT)

BOLACK MINERALS CO

HUGH MCMILLAN TRUST

EDWARD M CALVIN

RICHARD TULLY D/B/A

WILLIAM W MERRION

WILLIAM G WEBB

VASTAR RESOURCES INC

THELMA J FAMARISS

THE WISER OIL COMPANY

SYLVIA F LITTLE

STEVEN S DUNN

STATES INC

SPEEREX LIMITED PARTNERSHIP

JOE F ELLEDGE

ROBERT L BAYLESS

WYNN-CROSBY 1994 LTD

QUESTAR EXPLORATION & PROD CO

PC LTD

MINEL INC

MERRION OIL & GAS CORP

MERRION INVESTMENT COMPANY

CANYON LARGO UNIT

MARCIA PAULENE MCANALLY

LORNA R HARVEY

LELAND FIKES FOUNDATION

KIMBELL OIL COMPANY OF TEXAS

SCHULTZ HENRIETTA TR

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

IN REPLY REFER TO:
Canyon Largo Unit(Gallup PA)
3162.7 (07400)

December 1, 1998

Burlington Resources Oil & Gas Company
P.O. Box 4289
Farmington, NM 87499-4289

RE: Canyon Largo Unit
Commerciality Determinations
Gallup Formation
Rio Arriba County, New Mexico

Dear Ms. Wimsatt:

In response to your letter dated July 8, 1998, the Farmington Field Office (FFO) has reviewed the data you submitted for a commerciality determination for the following wells completed in the Gallup formation.

Well Name & Number	Dedication	Lease	Completion Date	Determination
Canyon Largo Unit #428	E/2 13,T25N,R7w	NMSF078880	12/10/1995	Non-Commercial
Canyon Largo Unit #430	W/2 14,T25N,R7W	NMSF078880	1/7/1996	Non-Commercial
Canyon Largo Unit #447	E/2 24,T25N,R7W	NMSF078879	1/7/1996	Commercial

After completing our economic evaluation, we are in concurrence with the above determinations.

The well that is determined to be a commercial well is to be included in the Gallup participating area. It is required that a revision be submitted to include the well in the Canyon Largo Unit Gallup Participating area. The non-paying wells will be reported under the lease number.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the order(s) described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.*

If you have any questions concerning this matter, please contact Wayne Townsend at the above address or telephone (505) 599-6359.

Sincerely,

Duane W. Spencer
Team Leader, Petroleum Management Team

BURLINGTON RESOURCES O&G CO
THE 026 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT AREA
RIO ARRIBA, NEW MEXICO
EFFECTIVE 02/01/1996

OIL RIGHTS

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078628-A	T-024N R-006W	320.00		TRACT: 012			2.662347
	---		ORRI:		0.000000	2.500000	---
	SEC. 015 W/2		ROYALTY:		0.000000	2.900000	
	(320.00 acres)		WORKING INTEREST:				
			FOUR STAR OIL & GAS		100.000000	94.600000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078874	T-024N R-006W	2519.04		TRACT: 016			20.957996
	---		ORRI:		0.000000	2.500000	---
	SEC. 003 W/2 SW/4, SE/4 SW/4, SE/4		ROYALTY:		0.000000	2.900000	
	(280.00 acres)		WORKING INTEREST:				
	LOT 5 (40.000000 acres)		BAYLESS ROBERT L		34.404684	32.546830	
	LOT 6 (40.000000 acres)		MERRION D J TRUST		12.476253	11.802536	
	LOT 7 (40.000000 acres)		MERRION J GREGORY &		34.404684	32.546831	
	LOT 8 (40.000000 acres)		MERRION TRUST PARTNERS LP		18.714379	17.703803	
	LOT 9 (40.000000 acres)				---	---	
	LOT 10 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 004 SE/4, SW/4						
	(320.00 acres)						
	LOT 5 (40.000000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 005 S/2						
	(320.00 acres)						
	LOT 5 (40.000000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 006 E/2 SW/4, SE/4						
	(240.00 acres)						
	LOT 5 (39.910000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (39.810000 acres)						
	LOT 13 (39.710000 acres)						
	LOT 14 (39.610000 acres)						
SF-078875	T-025N R-006W	2241.68		TRACT: 017			18.650406
	----------		ORRI:		0.000000	8.750000	----------
	SEC. 029 ALL		ROYALTY:		0.000000	2.900000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 030 E/2 W/2, E/2		BURLINGTON RESOURCES OIL & GAS CO		100.000000	88.350000	
	(480.00 acres)				---	---	
	LOT 1 (40.210000 acres)		TOTAL		100.000000	100.000000	
	LOT 2 (40.240000 acres)						
	LOT 3 (40.280000 acres)						
	LOT 4 (40.310000 acres)						
	SEC. 031 W/2						
	(320.00 acres)						
	SEC. 033 ALL						
	(640.00 acres)						
SF-078877	T-024N R-006W	1920.00		TRACT: 019A			15.974082
	----------		ORRI:		0.000000	2.500000	----------
	SEC. 008 ALL		ROYALTY:		0.000000	2.900000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 009 ALL		BAYLESS ROBERT L		34.531250	32.666563	
	(640.00 acres)		MERRION D J TRUST		12.375000	11.706750	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 011 ALL		MERRION J GREGORY &		34.531250	32.666563	
	(640.00 acres)		MERRION TRUST PARTNERS LP		18.562500	17.560124	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078878	T-025N R-007W	320.00		TRACT: 020			2.662347
	---		ORRI:		0.000000	8.749999	---
	SEC. 025 E/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			BURLINGTON RESOURCES OIL & GAS CO		100.000000	78.750001	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078879	T-025N R-007W	320.00		TRACT: 021			2.662347
	---		ORRI:		0.000000	8.749999	---
	SEC. 024 E/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			BURLINGTON RESOURCES OIL & GAS CO		100.000000	78.750001	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078882	T-025N R-006W	640.00		TRACT: 024			5.324694
	---		ORRI:		0.000000	8.750000	---
	SEC. 020 ALL		ROYALTY:		0.000000	2.900000	
	(640.00 acres)		WORKING INTEREST:				
			BURLINGTON RESOURCES OIL & GAS CO		100.000000	88.350000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078886	T-024N R-006W	920.00		TRACT: 028			7.654248
	---		ORRI:		0.000000	2.500000	---
	SEC. 017 ALL		ROYALTY:		0.000000	2.900000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 020 W/2 NW/4, SE/4 NW/4, SW/4		BAYLESS ROBERT L		34.538043	32.672989	
	(280.00 acres)		MERRION D J TRUST		12.369565	11.701609	
			MERRION J GREGORY &		34.538044	32.672989	
			MERRION TRUST PARTNERS LP		18.554348	17.552413	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
					---	---	
			TOTAL		100.000000	100.000000	
SF-078922	T-024N R-007W	549.60		TRACT: 029A			4.572581
	---		ORRI:		0.000000	2.500000	---
	SEC. 001 N/2 S/2, SW/4 SW/4		ROYALTY:		0.000000	2.900000	
	(200.00 acres)		WORKING INTEREST:				
	LOT 1 (6.800000 acres)		BAYLESS ROBERT L		34.375000	32.518750	
	LOT 2 (7.200000 acres)		MERRION D J TRUST		12.500000	11.825000	
	LOT 3 (7.600000 acres)		MERRION J GREGORY &		34.375000	32.518750	
	LOT 4 (8.000000 acres)		MERRION TRUST PARTNERS LP		18.750000	17.737500	
	LOT 5 (40.000000 acres)				---	---	
	LOT 6 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
SF-078957	T-024N R-006W	149.15		TRACT: 032			1.240903
	---		ORRI:		0.000000	2.500000	---
	SEC. 003 (41.00 acres)		ROYALTY:		0.000000	2.900000	
	LOT 1 (10.510000 acres)		WORKING INTEREST:				
	LOT 2 (10.340000 acres)		BAYLESS ROBERT L		34.401242	32.543575	
	LOT 3 (10.160000 acres)		MERRION D J TRUST		12.479006	11.805140	
	LOT 4 (9.990000 acres)		MERRION J GREGORY &		34.401243	32.543576	
	SEC. 004 (38.20 acres)		MERRION TRUST PARTNERS LP		18.718509	17.707709	
	LOT 1 (9.810000 acres)				---	---	
	LOT 2 (9.640000 acres)		TOTAL		100.000000	100.000000	
	LOT 3 (9.460000 acres)						
	LOT 4 (9.290000 acres)						
	SEC. 005 (35.80 acres)						
	LOT 1 (8.990000 acres)						
	LOT 2 (8.960000 acres)						
	LOT 3 (8.940000 acres)						
	LOT 4 (8.910000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 006 (34.15 acres)						
	LOT 1 (8.810000 acres)						
	LOT 2 (8.640000 acres)						
	LOT 3 (8.460000 acres)						
	LOT 4 (8.240000 acres)						
SF-079071-B	T-025N R-006W	160.00		TRACT: 036			1.331173
	---		ORRI:		0.000000	10.937500	---
	SEC. 028 NW/4		ROYALTY:		0.000000	2.900000	
	(160.00 acres)		WORKING INTEREST:				
			BAYLESS ROBERT L		25.000000	21.540624	
			CONOCO INC		2.792240	2.405865	
			DUGAN PRODUCTION COR		13.874420	11.954547	
			MERRION OIL & GAS		8.333333	7.180208	
			MERRION J GREGORY &		16.666670	14.360422	
			BURLINGTON RESOURCES OIL & GAS CO		33.333337	28.720834	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071	T-025N R-006W	560.00		TRACT: 036A			4.659107
	---		ORRI:		0.000000	15.937500	---
	SEC. 021 W/2, S/2 SE/4		ROYALTY:		0.000000	2.900000	
	(400.00 acres)		WORKING INTEREST:				
	SEC. 028 NE/4		BAYLESS ROBERT L		25.000000	20.290624	
	(160.00 acres)		CONOCO INC		2.792240	2.266253	
			DUGAN PRODUCTION COR		13.874420	11.260826	
			MERRION OIL & GAS		8.333333	6.763541	
			MERRION J GREGORY &		16.666670	13.527088	
			BURLINGTON RESOURCES OIL & GAS CO		33.333337	27.054168	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	40.00		TRACT: 037			0.332793
	---		ORRI:		0.000000	25.000000	---
	SEC. 022 SW/4 SW/4		ROYALTY:		0.000000	2.900000	
	(40.00 acres)		WORKING INTEREST:				
			BAYLESS ROBERT L		50.000000	36.050000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			MERRION OIL & GAS		16.666670	12.016669	
			MERRION J GREGORY &		33.333330	24.033331	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	160.00		TRACT: 037A			1.331174
	---		ORRI:		0.000000	6.000000	---
	SEC. 028 SW/4		ROYALTY:		0.000000	2.900000	
	(160.00 acres)		WORKING INTEREST:				
			BAYLESS ROBERT L		18.750000	17.081250	
			FIKES CATHERINE		7.812500	7.117188	
			KIMBELL OIL COM		46.875000	42.703125	
			FIKES LELAND DECD		7.812500	7.117187	
			MERRION OIL & GAS		6.750000	6.149250	
			MERRION J GREGORY &		12.000000	10.932000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	120.00		TRACT. 037B			0.998380
	---		ORRI:		0.000000	6.000000	---
	SEC. 027 N/2 NW/4, SW/4 NW/4		ROYALTY:		0.000000	2.900000	
	(120.00 acres)		WORKING INTEREST:				
			BAYLESS ROBERT L		18.750000	17.081250	
			FIKES CATHERINE		7.812500	7.117188	
			KIMBELL OIL COM		46.875000	42.703125	
			FIKES LELAND DECD		7.812500	7.117187	
			MERRION OIL & GAS		6.250000	5.693750	
			MERRION J GREGORY &		12.500000	11.387500	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079086	T-024N R-006W	160.00		TRACT: 038			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 010 N/2 N/2		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			UNKNOWN OWNERS		100.000000	87.500000	
					---	---	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
			TOTAL		100.000000	100.000000	
SF-079915	T-024N R-007W	120.00		TRACT: 043			0.998380
	---		ORRI:		0.000000	2.500000	---
	SEC. 001 S/2 SE/4, SE/4 SW/4		ROYALTY:		0.000000	2.900000	
	(120.00 acres)		WORKING INTEREST:				
			BAYLESS ROBERT L		34.375000	32.518750	
			MERRION D J TRUST		12.500000	11.825000	
			MERRION J GREGORY &		34.375000	32.518750	
			MERRION TRUST PARTNERS LP		18.750000	17.737500	
					---	---	
			TOTAL		100.000000	100.000000	
E-291-52	T-025N R-006W	320.00		TRACT: 055			2.662347
	---		ORRI:		0.000000	5.000000	---
	SEC. 032 E/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			BAYLESS ROBERT L		33.036510	27.255120	
			MERRION OIL & GAS		0.592780	0.489042	
			MERRION D J TRUST		4.624810	3.815469	
			MERRION INVESTMENT		0.077430	0.063880	
			MERRION J GREGORY &		32.855470	27.105764	
			MERRION TRUST PARTNERS LP		6.818310	5.625106	
			BURLINGTON RESOURCES OIL & GAS CO		21.994690	18.145619	
					---	---	
			TOTAL		100.000000	100.000000	
E-291-50	T-025N R-006W	160.00		TRACT: 056A			1.331174
	---		ORRI:		0.000000	12.500000	---
	SEC. 032 NW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BAYLESS ROBERT L		25.000000	18.750000	
			MERRION OIL & GAS		8.333333	6.249999	
			WYNN-CROSBY 1994 LTD		50.000000	37.500000	
			MERRION J GREGORY &		16.666667	12.500001	
					---	---	
			TOTAL		100.000000	100.000000	

BURLINGTON RESOURCES O&G CO
THE 026 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT AREA
RIO ARRIBA, NEW MEXICO
EFFECTIVE 02/01/1996

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-809-22	T-025N R-007W	320.00		TRACT: 061			2.662347
	---		ORRI:		0.000000	5.000000	---
	SEC. 036 E/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			BURLINGTON RESOURCES OIL & GAS CO		100.000000	82.500000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, ET A	T-024N R-006W	160.00		TRACT: 078			1.331174
	---		ORRI:		0.000000	0.000000	---
	SEC. 010 S/2 N/2		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			MERRION D J TRUST		24.650000	21.568750	
			MERRION INVESTMENT		8.025000	7.021875	
			MERRION J GREGORY &		42.675000	37.340625	
			MERRION TRUST PARTNERS LP		24.650000	21.568750	
					---	---	
			TOTAL		100.000000	100.000000	

RECAPITULATION

THE 026 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 006W

SEC. 003 W/2 SW/4, SE/4 SW/4, SE/4
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)

SEC. 003
- LOT: 1 (10.510000 acres)
- LOT: 2 (10.340000 acres)
- LOT: 3 (10.160000 acres)
- LOT: 4 (9.990000 acres)

SEC. 004 SE/4, SW/4
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)

SEC. 004
- LOT: 1 (9.810000 acres)
- LOT: 2 (9.640000 acres)
- LOT: 3 (9.460000 acres)
- LOT: 4 (9.290000 acres)

SEC. 005
- LOT: 1 (8.990000 acres)
- LOT: 2 (8.960000 acres)
- LOT: 3 (8.940000 acres)
- LOT: 4 (8.910000 acres)

SEC. 005 S/2
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)

SEC. 006

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 006W

SEC. 010 N/2 N/2

BURLINGTON RESOURCES O&G CO

RECAPITULATION

THE 026 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

LOT: 1 (8.810000 acres)
LOT: 2 (8.640000 acres)
LOT: 3 (8.460000 acres)
LOT: 4 (8.240000 acres)
SEC. 006 E/2 SW/4, SE/4
LOT: 5 (39.910000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (39.810000 acres)
LOT: 13 (39.710000 acres)
LOT: 14 (39.610000 acres)
SEC. 008 ALL
SEC. 009 ALL
SEC. 010 S/2 N/2
SEC. 011 ALL
SEC. 015 W/2
SEC. 017 ALL
SEC. 020 W/2 NW/4, SE/4 NW/4, SW/4
TOWNSHIP 024N, RANGE 007W
SEC. 001 N/2 S/2, SW/4 SW/4
LOT: 1 (6.800000 acres)
LOT: 2 (7.200000 acres)
LOT: 3 (7.600000 acres)
LOT: 4 (8.000000 acres)
LOT: 5 (40.000000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
SEC. 001 S/2 SE/4, SE/4 SW/4
TOWNSHIP 025N, RANGE 006W
SEC. 020 ALL
SEC. 021 W/2, S/2 SE/4
SEC. 022 SW/4 SW/4
SEC. 027 N/2 NW/4, SW/4 NW/4
SEC. 028 NW/4
SEC. 028 SW/4

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

RECAPITULATION

THE 026 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

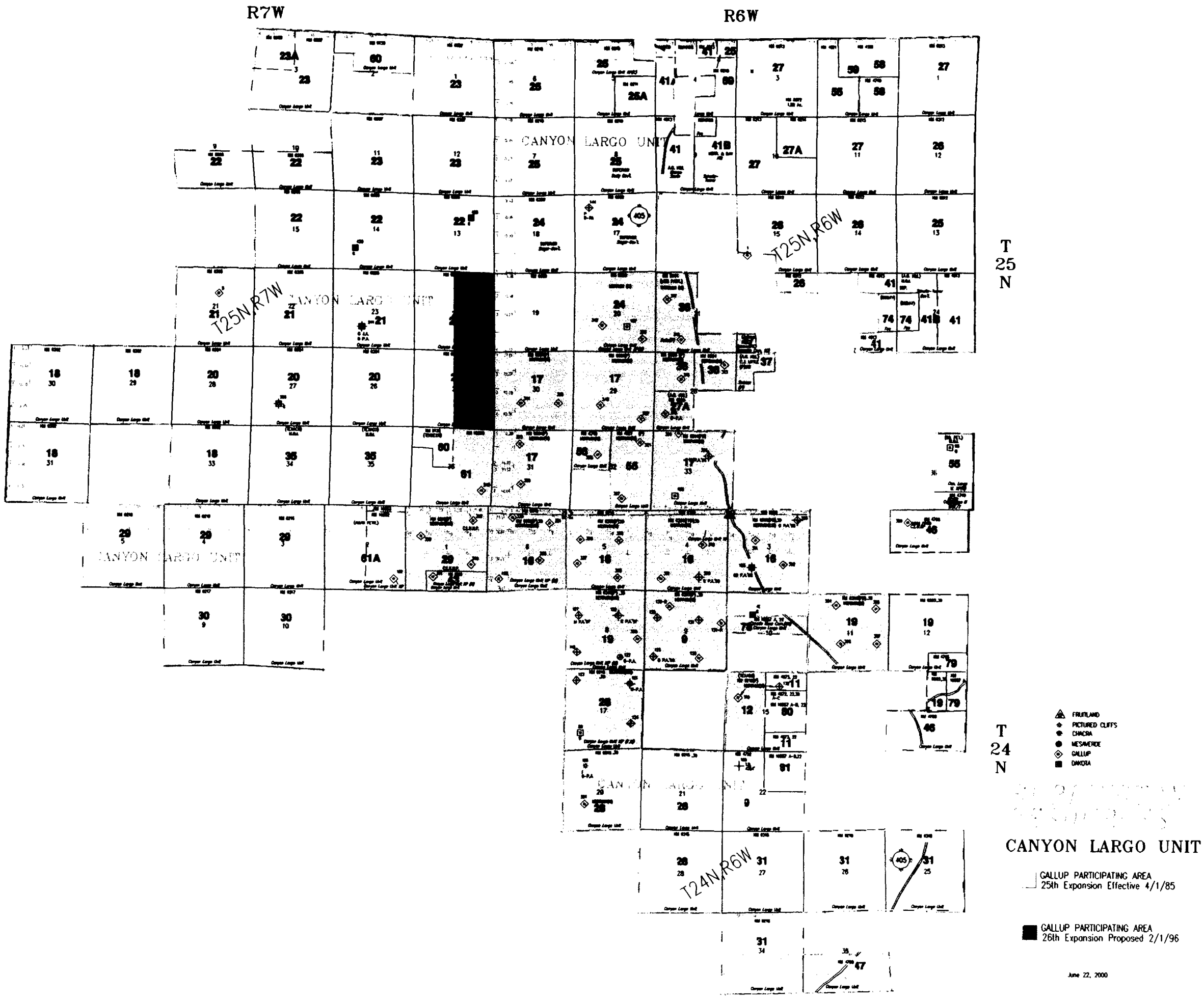
SEC. 028 NE/4
SEC. 029 ALL
SEC. 030 E/2 W/2, E/2
LOT: 1 (40.210000 acres)
LOT: 2 (40.240000 acres)
LOT: 3 (40.280000 acres)
LOT: 4 (40.310000 acres)
SEC. 031 W/2
SEC. 032 E/2
SEC. 032 NW/4
SEC. 033 ALL
TOWNSHIP 025N, RANGE 007W
SEC. 024 E/2
SEC. 025 E/2
SEC. 036 E/2
TOTAL ACRES COMMITTED: 12019.47

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 160.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 12179.47

EFFECTIVE DATE: 02/01/96



CANYON LARGO UNIT

GALLUP PARTICIPATING AREA
25th Expansion Effective 4/1/85

GALLUP PARTICIPATING AREA
26th Expansion Proposed 2/1/96

June 22, 2000

BURLINGTON RESOURCES

SAN JUAN DIVISION

May 2, 2000

Bureau of Land Management (3)
Attn: Ms. Marylou Drywater
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

State of New Mexico (2)
Oil Conservation Division
Energy & Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

MAY 4

RE: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
Mesaverde Participating Area (Gas)
Initial "B", effective 01/27/96

Gentlemen:

Pursuant to Section 11(a) of the Unit Agreement for the referenced Unit, approved September 18, 1953, Burlington Resources Oil & Gas Company, as Unit Operator, has determined that the following well is capable of producing unitized substances (Blanco Mesaverde Gas Pool) in paying quantities from the Mesaverde formation and thereby should be admitted to the Participating Area. Pursuant to a BLM letter (copy attached), the Canyon Largo Unit #239E well has been deemed commercial.

Initial "B" - Effective 01/27/1996

Well Name	Tract/Acres	Tr. Description	Comp. Date
Canyon Largo Unit #239E	Tr.#027/320.60 acres	W/2 Sec.1-T25N-R6W	1/27/96

The schedule for the Initial "B" Participating Area is enclosed. The schedule describes the Participating Area and shows the percentage of unitized substances allocated to the Tracts according to the ownership within the Tracts.

We would appreciate a review and approval of this Participating Area as soon as possible. Please contact the undersigned at (505) 326-9860 if there are any questions regarding this matter. Copies of this letter are being furnished to the Working Interest Owners on the attached list.

Very truly yours,

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.2
cc: Shannon Nichols

3401 East 30th St., 87402. P.O. Box 4289, Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Beamon/Lundell Group: Robert Beamon/Linda J. L. Lindsey /Susan B. Porter/
Carolyn B. Tilley/James R. Beamon/ Sharon Beamon Burns/Cathryn Beamon/
Claudia M. L. Gilmer/Robert W. Lundell
Bolack Minerals Company
Burlington Resources Oil & Gas Company
Burton & Hawks Oil Company
Catherine W. Fikes
Christine T. Willins
Conoco Inc.
D. J. Merrion Trust
Dugan Production Corporation
Fisher Mays, Inc.
Four Star Oil & Gas Company
Frank A. Schultz
Frederick E. Luhn
Golston Trust
Hugh McMillan Trust
Iris V. Balbach
J. Glenn Turner, Jr.
J. Gregory Merrion
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Merrion Investment
Merrion Oil & Gas Corporation
Minel, Inc.
PC LTD
Questar Exploration & Production Company
Richard T. C. Tulley
Robert L. Bayless
Rodney P. Calvin
Speerex Limited Partnership
States, Inc.
Steven S. Dunn
Sylvia F. Little Trust
GMGF Oil Account 3153
Thelma J. Famariss
Vastar Resources Inc.
William W. Merrion
William G. Webb
Wiser Oil Company
Wynn-Crosby 1994, Ltd.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

IN REPLY REFER TO:
Canyon Largo Unit Mesaverde PA
3180 (07100)

December 1, 1998

Ms. Marian Wimsatt
Burlington Resources
P.O. Box 4289
Farmington, NM 87499-4289

Dear Ms. Wimsatt:

By letter dated July 8, 1998, you submitted data for three paying well determinations in the Canyon Largo Unit. We have completed our review of your data and our paying well determinations are listed in the table below:

Well	Lease Number	Location	Formation	Determination
No. 388 CLU	SF-078885	NeSw Sec. 3 T.25N., R.6W.	Mesaverde	Non-paying Well
No. 239E CLU	SF-078885	SeNw Sec. 1 T.25N., R.6W	Mesaverde	Paying Well
No.287M CLU	SF-078885	SwNw Sec. 3 T.25N., R.6W	Mesaverde	Non-paying Well

Well No. 388 CLU and Well No. 287M will continue to be reported on a lease basis. Upon receipt and approval of a revision to the Canyon Largo Unit Mesaverde Participating Area (PA), Well No. 239E CLU will be reported under the PA. Until such time as a PA revision is approved, continue to report this well under the lease.

If you have any questions concerning this matter, please call Duane Spencer at (505) 599-6350.

Sincerely,

Duane W. Spencer
Team Lead, Petroleum Management

cc:
NM State Land Office, Santa Fe, NM
Attn: Pete Martinez

BURLINGTON RESOURCES O&G CO
THE 000 "B" EXPANDED PARTICIPATING AREA FOR MESAVERDE FORMATION
CANYON LARGO UNIT AREA
RIO ARRIBA, NEW MEXICO
EFFECTIVE 01/27/1996

891001059E

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078885	T-025N R-006W	320.60		TRACT: 027			100.000000
	---		ORRI:		0.000000	8.750000	---
	SEC. 001 S/2 NW/4, SW/4		ROYALTY:		0.000000	12.500000	
	(240.00 acres)		WORKING INTEREST:				
	LOT 3 (40.250000 acres)		BURLINGTON RESOURCES OIL & GAS CO		100.000000	78.750000	
	LOT 4 (40.350000 acres)				---	---	
	Tract Remarks:		TOTAL		100.000000	100.000000	
	CANYON LARGO UNIT #239E (GAS WELL)						

BURLINGTON RESOURCES O&G CO

R E C A P I T U L A T I O N

THE 000 "B" EXPANDED PARTICIPATING AREA FOR MESAVERDE FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 025N, RANGE 006W
SEC. 001 S/2 NW/4, SW/4
LOT: 3 (40.250000 acres)
LOT: 4 (40.350000 acres)
TOTAL ACRES COMMITTED: 320.60

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 320.60

EFFECTIVE DATE: 01/27/96

BURLINGTON RESOURCES

CANYON LARGO UNIT

MESAVERDE OIL PARTICIPATING AREA
Initial Expansion Effective 4/18/85

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

MESAVERDE GAS PARTICIPATING AREA
Initial 'B' Expansion Effective 1/27/96

May 2, 2000

BURLINGTON RESOURCES

SAN JUAN DIVISION

February 15, 2000

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division
State of New Mexico
2040 S. Pacheco
Santa Fe, NM 87505

RE: 2000 Plan of Development
CANYON LARGO UNIT 14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO

Ladies and Gentlemen:

The following Participating Areas currently exist in the CANYON LARGO UNIT:

FORMATION	EXPANSION	EFFECTIVE DATE
CHACRA	013	01-Oct-85
DAKOTA	017	01-Dec-83
PICTURED CLIFFS	047	01-Mar-94
MESAVERDE	000	18-Apr-85
GALLUP	025	01-Apr-85

The 1999 Plan of Development (or amendments thereto) provided for the following activity:

WELL NAME	FORMATION	TYPE	DEDICATION	STATUS
CANYON LARGO UNIT 82R	PICTURED CLIFFS	NewDrill – Single	E 34-025N-007W	Completed
CANYON LARGO UNIT NP 275	PICTURED CLIFFS	P&A	W 15-025N-007W	Completed

Copies of Participating Area maps are attached for each formation. The circled numbers correspond to the Unit Exhibit "B" ownership schedule.

Pursuant to Section 10 of the CANYON LARGO UNIT Agreement, Burlington Resources Oil & Gas Company, as Unit Operator, hereby submits the 2000 Plan of Development as follows:

WELL NAME	FORMATION	TYPE	DEDICATION
CANYON LARGO UNIT 449	DAKOTA	NewDrill - Single	W2 14-025N-006W
CANYON LARGO UNIT 450	DAKOTA	NewDrill - Single	W2 01-025N-007W

The following is a well listing for wells in CANYON LARGO UNIT and the current status our system contains for the well.

WELL NAME	FORM	LEGAL DESC	REASON	FLAG
CANYON LARGO UNIT 144	DAKOTA	W 017-025N-006W	P&A	Commingle
CANYON LARGO UNIT 144	GALLUP	W 017-025N-006W	P&A	Commingle

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

CANYON LARGO UNIT 239E	DAKOTA	W 001-025N-006W	Active	Commingle
CANYON LARGO UNIT 239E	MESAVERDE	W 001-025N-006W	Active	Commingle
CANYON LARGO UNIT 250E	DAKOTA	E 001-025N-006W	Active	Commingle
CANYON LARGO UNIT 250E	MESAVERDE	E 001-025N-006W	Active	Commingle
CANYON LARGO UNIT 287M	DAKOTA	W 003-025N-006W	Active	Commingle
CANYON LARGO UNIT 287M	MESAVERDE	W 003-025N-006W	Active	Commingle
CANYON LARGO UNIT 294E	DAKOTA	E 002-025N-006W	Active	Commingle
CANYON LARGO UNIT 294E	MESAVERDE	E 002-025N-006W	Active	Commingle
CANYON LARGO UNIT 430	DAKOTA	W 014-025N-007W	Active	Commingle
CANYON LARGO UNIT 430	GALLUP	W 014-025N-007W	Active	Commingle
CANYON LARGO UNIT 447	DAKOTA	E 024-025N-007W	Active	Commingle
CANYON LARGO UNIT 447	GALLUP	E 024-025N-007W	Active	Commingle
CANYON LARGO UNIT NP 185	DAKOTA	E 003-024N-006W		Commingle
CANYON LARGO UNIT NP 185	GALLUP	E 003-024N-006W		Commingle
			Commingle Count	16
CANYON LARGO UNIT 136	CHACRA	W 004-025N-006W	Active	Dual
CANYON LARGO UNIT 178	PICTURED CLIFFS	W 014-025N-006W	Active	Dual
CANYON LARGO UNIT 178	CHACRA	W 014-025N-006W	Active	Dual
CANYON LARGO UNIT 183	PICTURED CLIFFS	E 002-025N-006W	Active	Dual
CANYON LARGO UNIT 183	CHACRA	E 002-025N-006W	Active	Dual
CANYON LARGO UNIT 237	CHACRA	E 001-025N-006W	Active	Dual
CANYON LARGO UNIT 428	DAKOTA	E 013-025N-007W	Active	Dual
CANYON LARGO UNIT 428	GALLUP	E 013-025N-007W	Shut-in	Dual
CANYON LARGO UNIT 89	GALLUP	W 017-024N-006W	Active	Single
CANYON LARGO UNIT 95	DAKOTA	E 036-025N-006W	Active	Dual
CANYON LARGO UNIT COM 136	PICTURED CLIFFS	W 004-025N-006W	Active	Dual
CANYON LARGO UNIT COM 137	PICTURED CLIFFS	E 005-025N-006W	Active	Dual
CANYON LARGO UNIT COM NP 137	CHACRA	E 005-025N-006W	Shut-in	Dual
CANYON LARGO UNIT NP 237	MESAVERDE	E 001-025N-006W	Active	Dual
CANYON LARGO UNIT NP 89	DAKOTA	W 017-024N-006W	Shut-in	Dual
CANYON LARGO UNIT NP 95	GALLUP	E 036-025N-006W	Active	Dual
			Dual Count	16
CANYON LARGO UNIT 1	PICTURED CLIFFS	E 003-024N-006W	Active	Single
CANYON LARGO UNIT 101	PICTURED CLIFFS	E 002-025N-006W	P&A	Single
CANYON LARGO UNIT 102	PICTURED CLIFFS	W 032-025N-006W	P&A	Single
CANYON LARGO UNIT 104	PICTURED CLIFFS	W 003-024N-007W	P&A	Single
CANYON LARGO UNIT 105	PICTURED CLIFFS	W 025-025N-007W	P&A	Single
CANYON LARGO UNIT 106	PICTURED CLIFFS	W 020-024N-006W	Active	Single
CANYON LARGO UNIT 107	CHACRA	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 108	PICTURED CLIFFS	W 015-024N-006W	Active	Single
CANYON LARGO UNIT 109	PICTURED CLIFFS	W 002-025N-006W	P&A	Single
CANYON LARGO UNIT 11	PICTURED CLIFFS	W 003-025N-006W	Active	Single
CANYON LARGO UNIT 110	DAKOTA	W 001-024N-006W	Active	Single
CANYON LARGO UNIT 111	DAKOTA	E 001-024N-006W	Active	Single

CANYON LARGO UNIT 113	PICTURED CLIFFS	W 008-024N-006W	Active	Single
CANYON LARGO UNIT 114	PICTURED CLIFFS	E 033-025N-007W	Active	Single
CANYON LARGO UNIT 115	PICTURED CLIFFS	E 008-024N-006W	Active	Single
CANYON LARGO UNIT 116	DAKOTA	E 012-024N-006W	Active	Single
CANYON LARGO UNIT 117	DAKOTA	E 003-024N-006W	Active	Single
CANYON LARGO UNIT 118	GALLUP	W 008-024N-006W	P&A	Single
CANYON LARGO UNIT 119	GALLUP	W 015-024N-006W	Shut-in	Single
CANYON LARGO UNIT 12	PICTURED CLIFFS	E 010-025N-006W	P&A	Single
CANYON LARGO UNIT 120	PICTURED CLIFFS	W 005-024N-006W	Active	Single
CANYON LARGO UNIT 123	GALLUP	W 017-024N-006W	P&A	Single
CANYON LARGO UNIT 124	GALLUP	E 017-024N-006W	P&A	Single
CANYON LARGO UNIT 126	GALLUP	E 009-024N-006W	Active	Single
CANYON LARGO UNIT 127	GALLUP	W 008-024N-006W	P&A	Single
CANYON LARGO UNIT 127	MESAVERDE	W 008-024N-006W		Single
CANYON LARGO UNIT 128	GALLUP	W 006-024N-006W	Shut-in	Single
CANYON LARGO UNIT 129	GALLUP	E 008-024N-006W	P&A	Single
CANYON LARGO UNIT 13	PICTURED CLIFFS	E 014-025N-006W	Active	Single
CANYON LARGO UNIT 130	GALLUP	W 009-024N-006W	P&A	Single
CANYON LARGO UNIT 130R	GALLUP	W 009-024N-006W	Active	Single
CANYON LARGO UNIT 131	GALLUP	E 009-024N-006W	P&A	Single
CANYON LARGO UNIT 131R	GALLUP	E 009-024N-006W	Active	Single
CANYON LARGO UNIT 135	DAKOTA	E 033-025N-006W	Active	Single
CANYON LARGO UNIT 138	CHACRA	E 004-025N-006W	Active	Single
CANYON LARGO UNIT 139	CHACRA	E 002-025N-006W	Active	Single
CANYON LARGO UNIT 14	PICTURED CLIFFS	E 029-025N-007W	Active	Single
CANYON LARGO UNIT 140	CHACRA	E 009-025N-006W	P&A	Single
CANYON LARGO UNIT 141	CHACRA	E 024-025N-006W	Active	Single
CANYON LARGO UNIT 143	CHACRA	W 024-025N-006W	Active	Single
CANYON LARGO UNIT 144	PICTURED CLIFFS	W 017-025N-006W	Active	Single
CANYON LARGO UNIT 145	PICTURED CLIFFS	W 002-024N-007W	P&A	Single
CANYON LARGO UNIT 147	CHACRA	W 002-025N-006W	Active	Single
CANYON LARGO UNIT 148	CHACRA	W 011-025N-006W	Active	Single
CANYON LARGO UNIT 149	CHACRA	E 003-025N-006W	Active	Single
CANYON LARGO UNIT 150	CHACRA	W 003-025N-006W	Active	Single
CANYON LARGO UNIT 151	CHACRA	W 001-025N-006W	Active	Single
CANYON LARGO UNIT 152	CHACRA	E 001-025N-006W	P&A	Single
CANYON LARGO UNIT 153	CHACRA	E 012-025N-006W	P&A	Single
CANYON LARGO UNIT 154	CHACRA	W 012-025N-006W	Active	Single
CANYON LARGO UNIT 155	CHACRA	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 156	PICTURED CLIFFS	W 014-025N-007W	Active	Single
CANYON LARGO UNIT 157	PICTURED CLIFFS	E 027-025N-007W	Active	Single
CANYON LARGO UNIT 159	CHACRA	E 014-025N-006W	P&A	Single
CANYON LARGO UNIT 16	PICTURED CLIFFS	E 030-025N-007W	Shut-in	Single
CANYON LARGO UNIT 160	CHACRA	W 013-025N-006W	Active	Single
CANYON LARGO UNIT 163	CHACRA	E 010-025N-006W	Active	Single

CANYON LARGO UNIT 164	CHACRA	W 010-025N-006W	P&A	Single
CANYON LARGO UNIT 165	CHACRA	W 014-025N-006W	Active	Single
CANYON LARGO UNIT 166	DAKOTA	W 002-025N-006W	Active	Single
CANYON LARGO UNIT 167	CHACRA	E 003-025N-006W	Active	Single
CANYON LARGO UNIT 168	CHACRA	E 024-025N-006W	Active	Single
CANYON LARGO UNIT 169	PICTURED CLIFFS	E 004-025N-006W	P&A	Single
CANYON LARGO UNIT 169	CHACRA	E 004-025N-006W	P&A	Single
CANYON LARGO UNIT 170	CHACRA	W 004-025N-006W	P&A	Single
CANYON LARGO UNIT 173	PICTURED CLIFFS	E 028-025N-007W	Active	Single
CANYON LARGO UNIT 174	PICTURED CLIFFS	W 021-025N-007W	Active	Single
CANYON LARGO UNIT 175	PICTURED CLIFFS	E 033-025N-006W	Active	Single
CANYON LARGO UNIT 176	PICTURED CLIFFS	E 006-024N-006W	Active	Single
CANYON LARGO UNIT 177	PICTURED CLIFFS	W 010-025N-006W	P&A	Single
CANYON LARGO UNIT 177	CHACRA	W 010-025N-006W	P&A	Single
CANYON LARGO UNIT 179	PICTURED CLIFFS	W 013-025N-007W	Active	Single
CANYON LARGO UNIT 18	PICTURED CLIFFS	W 035-025N-007W	P&A	Single
CANYON LARGO UNIT 180	PICTURED CLIFFS	E 023-025N-007W	Active	Single
CANYON LARGO UNIT 181	PICTURED CLIFFS	W 026-025N-007W	Active	Single
CANYON LARGO UNIT 184	CHACRA	E 012-025N-006W	P&A	Single
CANYON LARGO UNIT 186	DAKOTA	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 19	PICTURED CLIFFS	W 003-024N-006W	Active	Single
CANYON LARGO UNIT 190	PICTURED CLIFFS	E 014-025N-007W	P&A	Single
CANYON LARGO UNIT 191	PICTURED CLIFFS	W 023-025N-007W	P&A	Single
CANYON LARGO UNIT 192	PICTURED CLIFFS	E 024-025N-007W	P&A	Single
CANYON LARGO UNIT 193	PICTURED CLIFFS	W 024-025N-007W	Active	Single
CANYON LARGO UNIT 194	PICTURED CLIFFS	E 025-025N-007W	Active	Single
CANYON LARGO UNIT 195	PICTURED CLIFFS	E 026-025N-007W	P&A	Single
CANYON LARGO UNIT 196	PICTURED CLIFFS	E 033-025N-007W	Active	Single
CANYON LARGO UNIT 197	PICTURED CLIFFS	E 034-025N-007W	P&A	Single
CANYON LARGO UNIT 198	PICTURED CLIFFS	W 034-025N-007W	Active	Single
CANYON LARGO UNIT 199	PICTURED CLIFFS	E 035-025N-007W	Active	Single
CANYON LARGO UNIT 2	PICTURED CLIFFS	W 004-024N-006W	Active	Single
CANYON LARGO UNIT 20	PICTURED CLIFFS	E 012-024N-006W	Active	Single
CANYON LARGO UNIT 200	PICTURED CLIFFS	W 035-025N-007W	Active	Single
CANYON LARGO UNIT 201	PICTURED CLIFFS	E 003-025N-006W	P&A	Single
CANYON LARGO UNIT 202	PICTURED CLIFFS	W 005-025N-006W	P&A	Single
CANYON LARGO UNIT 203	PICTURED CLIFFS	W 010-025N-006W	Active	Single
CANYON LARGO UNIT 204	PICTURED CLIFFS	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 205	PICTURED CLIFFS	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 206	PICTURED CLIFFS	W 019-025N-006W	Active	Single
CANYON LARGO UNIT 207	PICTURED CLIFFS	W 028-025N-006W	P&A	Single
CANYON LARGO UNIT 208	PICTURED CLIFFS	E 029-025N-006W	Shut-in	Single
CANYON LARGO UNIT 209	PICTURED CLIFFS	W 029-025N-006W	P&A	Single
CANYON LARGO UNIT 21	PICTURED CLIFFS	W 015-024N-006W	Active	Single
CANYON LARGO UNIT 210	PICTURED CLIFFS	E 030-025N-006W	Active	Single

CANYON LARGO UNIT 211	PICTURED CLIFFS	W 030-025N-006W	Active	Single
CANYON LARGO UNIT 212	PICTURED CLIFFS	W 006-024N-006W	Active	Single
CANYON LARGO UNIT 213	PICTURED CLIFFS	W 008-024N-006W	P&A	Single
CANYON LARGO UNIT 214	PICTURED CLIFFS	E 008-024N-006W	Active	Single
CANYON LARGO UNIT 215	PICTURED CLIFFS	E 009-024N-006W	P&A	Single
CANYON LARGO UNIT 216	PICTURED CLIFFS	E 015-024N-006W	Active	Single
CANYON LARGO UNIT 217	PICTURED CLIFFS	W 017-024N-006W	Active	Single
CANYON LARGO UNIT 218	PICTURED CLIFFS	E 020-024N-006W	P&A	Single
CANYON LARGO UNIT 22	PICTURED CLIFFS	E 015-024N-006W	Active	Single
CANYON LARGO UNIT 220	PICTURED CLIFFS	E 002-024N-007W	Active	Single
CANYON LARGO UNIT 221	PICTURED CLIFFS	W 003-024N-007W	P&A	Single
CANYON LARGO UNIT 222	PICTURED CLIFFS	E 003-024N-007W	P&A	Single
CANYON LARGO UNIT 224	PICTURED CLIFFS	W 001-025N-006W	Active	Single
CANYON LARGO UNIT 225	PICTURED CLIFFS	W 003-025N-006W	Active	Single
CANYON LARGO UNIT 226	PICTURED CLIFFS	E 010-025N-006W	P&A	Single
CANYON LARGO UNIT 227	PICTURED CLIFFS	W 011-025N-006W	Shut-in	Single
CANYON LARGO UNIT 228	PICTURED CLIFFS	W 013-025N-006W	Active	Single
CANYON LARGO UNIT 229	PICTURED CLIFFS	E 014-025N-006W	Active	Single
CANYON LARGO UNIT 23	PICTURED CLIFFS	E 001-025N-006W	P&A	Single
CANYON LARGO UNIT 230	PICTURED CLIFFS	E 015-025N-006W	Active	Single
CANYON LARGO UNIT 239	DAKOTA	W 001-025N-006W	Active	Single
CANYON LARGO UNIT 24	PICTURED CLIFFS	W 002-025N-006W	Active	Single
CANYON LARGO UNIT 240	DAKOTA	W 012-025N-006W	Active	Single
CANYON LARGO UNIT 241	GALLUP	W 023-025N-007W	P&A	Single
CANYON LARGO UNIT 242	PICTURED CLIFFS	W 013-025N-007W	Active	Single
CANYON LARGO UNIT 243	PICTURED CLIFFS	E 014-025N-007W	Active	Single
CANYON LARGO UNIT 244	PICTURED CLIFFS	E 023-025N-007W	P&A	Single
CANYON LARGO UNIT 246	PICTURED CLIFFS	E 026-025N-007W	P&A	Single
CANYON LARGO UNIT 247	PICTURED CLIFFS	E 027-025N-007W	Active	Single
CANYON LARGO UNIT 248	PICTURED CLIFFS	W 036-025N-007W	P&A	Single
CANYON LARGO UNIT 249	DAKOTA	E 004-024N-006W	Active	Single
CANYON LARGO UNIT 25	PICTURED CLIFFS	W 004-025N-006W	Active	Single
CANYON LARGO UNIT 250	DAKOTA	E 001-025N-006W	Active	Single
CANYON LARGO UNIT 252	DAKOTA	E 003-025N-006W	Active	Single
CANYON LARGO UNIT 253	DAKOTA	E 012-025N-006W	Active	Single
CANYON LARGO UNIT 254	DAKOTA	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 255E	DAKOTA	W 013-025N-007W	Active	Single
CANYON LARGO UNIT 258	PICTURED CLIFFS	E 006-024N-006W	Active	Single
CANYON LARGO UNIT 26	PICTURED CLIFFS	E 004-025N-006W	Active	Single
CANYON LARGO UNIT 260	PICTURED CLIFFS	W 017-024N-006W	Active	Single
CANYON LARGO UNIT 261	PICTURED CLIFFS	W 021-024N-006W	Active	Single
CANYON LARGO UNIT 264	PICTURED CLIFFS	W 001-024N-007W	Active	Single
CANYON LARGO UNIT 267	PICTURED CLIFFS	W 018-025N-006W	P&A	Single
CANYON LARGO UNIT 268	PICTURED CLIFFS	E 019-025N-006W	Active	Single
CANYON LARGO UNIT 269	PICTURED CLIFFS	W 020-025N-006W	P&A	Single

CANYON LARGO UNIT 27	PICTURED CLIFFS	E 005-025N-006W	Active	Single
CANYON LARGO UNIT 270	PICTURED CLIFFS	E 020-025N-006W	P&A	Single
CANYON LARGO UNIT 271	PICTURED CLIFFS	E 032-025N-006W	Active	Single
CANYON LARGO UNIT 272	PICTURED CLIFFS	W 033-025N-006W	Active	Single
CANYON LARGO UNIT 273	PICTURED CLIFFS	E 033-025N-006W	Active	Single
CANYON LARGO UNIT 276	PICTURED CLIFFS	W 027-025N-007W	P&A	Single
CANYON LARGO UNIT 277	PICTURED CLIFFS	E 028-025N-007W	P&A	Single
CANYON LARGO UNIT 278	DAKOTA	W 011-025N-006W	Active	Single
CANYON LARGO UNIT 279	DAKOTA	E 014-025N-006W	Active	Single
CANYON LARGO UNIT 28	PICTURED CLIFFS	W 005-025N-006W	Active	Single
CANYON LARGO UNIT 280	PICTURED CLIFFS	W 014-025N-006W	P&A	Single
CANYON LARGO UNIT 281	PICTURED CLIFFS	NW, N SW 015-025N-006W	P&A	Single
CANYON LARGO UNIT 284	PICTURED CLIFFS	W 003-025N-007W	Temp. Aband.	Single
CANYON LARGO UNIT 286	DAKOTA	E 011-024N-006W	Active	Single
CANYON LARGO UNIT 287	DAKOTA	W 003-025N-006W	Shut-in	Single
CANYON LARGO UNIT 288	DAKOTA	W 013-025N-006W	Active	Single
CANYON LARGO UNIT 289	PICTURED CLIFFS	W 028-025N-007W	Shut-in	Single
CANYON LARGO UNIT 29	PICTURED CLIFFS	E 007-025N-006W	Active	Single
CANYON LARGO UNIT 290	PICTURED CLIFFS	W 033-025N-007W	Shut-in	Single
CANYON LARGO UNIT 291	DAKOTA	W 012-024N-006W	Active	Single
CANYON LARGO UNIT 292	DAKOTA	E 010-025N-006W	Active	Single
CANYON LARGO UNIT 293	PICTURED CLIFFS	E 009-025N-006W	P&A	Single
CANYON LARGO UNIT 294	DAKOTA	E 002-025N-006W	Active	Single
CANYON LARGO UNIT 297	DAKOTA	E 013-024N-006W	Active	Single
CANYON LARGO UNIT 298	GALLUP	E 003-024N-006W	P&A	Single
CANYON LARGO UNIT 299	GALLUP	E 004-024N-006W	P&A	Single
CANYON LARGO UNIT 3	PICTURED CLIFFS	E 009-024N-006W	Active	Single
CANYON LARGO UNIT 30	PICTURED CLIFFS	W 009-025N-006W	Active	Single
CANYON LARGO UNIT 300	GALLUP	E 008-024N-006W	Shut-in	Single
CANYON LARGO UNIT 301	GALLUP	W 004-024N-006W	Active	Single
CANYON LARGO UNIT 302	GALLUP	E 003-024N-006W	Active	Single
CANYON LARGO UNIT 303	GALLUP	E 005-024N-006W	Active	Single
CANYON LARGO UNIT 304	GALLUP	W 011-024N-006W	Shut-in	Single
CANYON LARGO UNIT 305	GALLUP	E 011-024N-006W	Active	Single
CANYON LARGO UNIT 306	GALLUP	W 011-024N-006W	Active	Single
CANYON LARGO UNIT 307	GALLUP	E 011-024N-006W	Active	Single
CANYON LARGO UNIT 308	GALLUP	E 005-024N-006W	Active	Single
CANYON LARGO UNIT 31	PICTURED CLIFFS	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 310	GALLUP	E 004-024N-006W	Shut-in	Single
CANYON LARGO UNIT 311	GALLUP	W 003-024N-006W	Active	Single
CANYON LARGO UNIT 313	GALLUP	E 028-025N-006W	Active	Single
CANYON LARGO UNIT 315	GALLUP	W 028-025N-006W	Shut-in	Single
CANYON LARGO UNIT 316	GALLUP	W 021-025N-006W	Active	Single
CANYON LARGO UNIT 317	GALLUP	W 021-025N-006W	Active	Single
CANYON LARGO UNIT 319	GALLUP	W 028-025N-006W	Active	Single

CANYON LARGO UNIT 32	PICTURED CLIFFS	W 011-025N-006W	Active	Single
CANYON LARGO UNIT 321	GALLUP	E 032-025N-006W	Active	Single
CANYON LARGO UNIT 324	GALLUP	W 020-024N-006W	Active	Single
CANYON LARGO UNIT 325	GALLUP	E 033-025N-006W	P&A	Single
CANYON LARGO UNIT 326	GALLUP	W 033-025N-006W	Active	Single
CANYON LARGO UNIT 327	GALLUP	E 032-025N-006W	Active	Single
CANYON LARGO UNIT 328	GALLUP	W 005-024N-006W	Shut-in	Single
CANYON LARGO UNIT 33	PICTURED CLIFFS	E 012-025N-006W	Active	Single
CANYON LARGO UNIT 331	GALLUP	E 006-024N-006W	Active	Single
CANYON LARGO UNIT 332	GALLUP	E 001-024N-007W	Active	Single
CANYON LARGO UNIT 333	GALLUP	W 001-024N-007W	Active	Single
CANYON LARGO UNIT 334	GALLUP	E 015-024N-006W	Shut-in	Single
CANYON LARGO UNIT 335	GALLUP	W 032-025N-006W	Active	Single
CANYON LARGO UNIT 336	PICTURED CLIFFS	W 024-025N-006W	Active	Single
CANYON LARGO UNIT 337	GALLUP	W 005-024N-006W	Active	Single
CANYON LARGO UNIT 338	GALLUP	E 006-024N-006W	Active	Single
CANYON LARGO UNIT 339	GALLUP	W 006-024N-006W	Active	Single
CANYON LARGO UNIT 34	PICTURED CLIFFS	W 012-025N-006W	P&A	Single
CANYON LARGO UNIT 340	GALLUP	E 001-024N-007W	Active	Single
CANYON LARGO UNIT 341	GALLUP	W 001-024N-007W	Active	Single
CANYON LARGO UNIT 342	GALLUP	W 020-025N-006W	Active	Single
CANYON LARGO UNIT 343	GALLUP	W 029-025N-006W	Active	Single
CANYON LARGO UNIT 344	GALLUP	W 030-025N-006W	Active	Single
CANYON LARGO UNIT 345	GALLUP	E 036-025N-007W	Active	Single
CANYON LARGO UNIT 347	PICTURED CLIFFS	E 001-024N-007W	P&A	Single
CANYON LARGO UNIT 349	MESAVERDE	W 008-024N-006W		Single
CANYON LARGO UNIT 35	PICTURED CLIFFS	W 013-025N-006W	Active	Single
CANYON LARGO UNIT 356	GALLUP	E 020-025N-006W	Shut-in	Single
CANYON LARGO UNIT 357	GALLUP	E 029-025N-006W	Active	Single
CANYON LARGO UNIT 358	GALLUP	E 030-025N-006W	Active	Single
CANYON LARGO UNIT 359	GALLUP	W 031-025N-006W	Active	Single
CANYON LARGO UNIT 36	PICTURED CLIFFS	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 360	GALLUP	W 002-024N-007W	P&A	Single
CANYON LARGO UNIT 361	GALLUP	E 002-024N-007W	P&A	Single
CANYON LARGO UNIT 362	GALLUP	W 002-024N-007W	P&A	Single
CANYON LARGO UNIT 37	PICTURED CLIFFS	W 019-025N-006W	Active	Single
CANYON LARGO UNIT 38	PICTURED CLIFFS	E 019-025N-006W	Active	Single
CANYON LARGO UNIT 388	CHACRA	W 003-025N-006W	Active	Single
CANYON LARGO UNIT 388	MESAVERDE	ALL 003-025N-006W	P&A	Single
CANYON LARGO UNIT 39	PICTURED CLIFFS	W 020-025N-006W	P&A	Single
CANYON LARGO UNIT 393	GALLUP	W 031-025N-006W	Active	Single
CANYON LARGO UNIT 40	PICTURED CLIFFS	E 023-025N-006W	Active	Single
CANYON LARGO UNIT 400	DAKOTA	E 030-025N-006W	Active	Single
CANYON LARGO UNIT 409	CHACRA	E 015-025N-006W	Shut-in	Single
CANYON LARGO UNIT 409	DAKOTA	E 015-025N-006W	Active	Single

CANYON LARGO UNIT 41	PICTURED CLIFFS	E 024-025N-006W	P&A	Single
CANYON LARGO UNIT 415	DAKOTA	E 019-025N-006W	Active	Single
CANYON LARGO UNIT 42	PICTURED CLIFFS	W 028-025N-006W	P&A	Single
CANYON LARGO UNIT 425	DAKOTA	S 010-025N-007W	Active	Single
CANYON LARGO UNIT 427	DAKOTA	W 011-025N-007W	Active	Single
CANYON LARGO UNIT 43	PICTURED CLIFFS	W 029-025N-006W	Active	Single
CANYON LARGO UNIT 431	DAKOTA	E 014-025N-007W	Active	Single
CANYON LARGO UNIT 434	DAKOTA	W 020-024N-006W	Shut-in	Single
CANYON LARGO UNIT 44	PICTURED CLIFFS	E 029-025N-006W	Active	Single
CANYON LARGO UNIT 448	DAKOTA	W 012-025N-007W	Active	Single
CANYON LARGO UNIT 45	PICTURED CLIFFS	W 030-025N-006W	Active	Single
CANYON LARGO UNIT 46	PICTURED CLIFFS	E 030-025N-006W	P&A	Single
CANYON LARGO UNIT 47	PICTURED CLIFFS	E 032-025N-006W	Active	Single
CANYON LARGO UNIT 48	PICTURED CLIFFS	W 033-025N-006W	Active	Single
CANYON LARGO UNIT 49	PICTURED CLIFFS	W 003-025N-007W	Active	Single
CANYON LARGO UNIT 5	PICTURED CLIFFS	E 021-024N-006W	Active	Single
CANYON LARGO UNIT 50	PICTURED CLIFFS	E 003-025N-007W	Active	Single
CANYON LARGO UNIT 51	PICTURED CLIFFS	E 011-025N-007W	P&A	Single
CANYON LARGO UNIT 52	PICTURED CLIFFS	E 013-025N-007W	Active	Single
CANYON LARGO UNIT 53	PICTURED CLIFFS	W 024-025N-007W	P&A	Single
CANYON LARGO UNIT 54	PICTURED CLIFFS	E 024-025N-007W	Active	Single
CANYON LARGO UNIT 55	PICTURED CLIFFS	E 025-025N-007W	Active	Single
CANYON LARGO UNIT 56	PICTURED CLIFFS	W 028-025N-007W	Active	Single
CANYON LARGO UNIT 57	PICTURED CLIFFS	E 036-025N-007W	Active	Single
CANYON LARGO UNIT 58	PICTURED CLIFFS	W 022-024N-006W	P&A	Single
CANYON LARGO UNIT 59	PICTURED CLIFFS	E 022-024N-006W	P&A	Single
CANYON LARGO UNIT 6	DAKOTA	E 025-024N-006W	Active	Single
CANYON LARGO UNIT 60	PICTURED CLIFFS	E 010-024N-007W	Active	Single
CANYON LARGO UNIT 61	PICTURED CLIFFS	W 007-025N-006W	Active	Single
CANYON LARGO UNIT 64	PICTURED CLIFFS	E 004-024N-006W	P&A	Single
CANYON LARGO UNIT 65	PICTURED CLIFFS	E 003-025N-006W	Active	Single
CANYON LARGO UNIT 66	PICTURED CLIFFS	W 029-025N-007W	Shut-in	Single
CANYON LARGO UNIT 67	PICTURED CLIFFS	W 001-025N-006W	Active	Single
CANYON LARGO UNIT 69	CHACRA	E 015-025N-006W	Active	Single
CANYON LARGO UNIT 7	PICTURED CLIFFS	E 027-024N-006W	P&A	Single
CANYON LARGO UNIT 70	PICTURED CLIFFS	E 031-025N-006W	P&A	Single
CANYON LARGO UNIT 71	PICTURED CLIFFS	E 011-024N-006W	Active	Single
CANYON LARGO UNIT 72	PICTURED CLIFFS	W 011-024N-006W	P&A	Single
CANYON LARGO UNIT 73	PICTURED CLIFFS	W 012-024N-006W	P&A	Single
CANYON LARGO UNIT 74	PICTURED CLIFFS	E 026-024N-006W	Active	Single
CANYON LARGO UNIT 75	PICTURED CLIFFS	W 021-024N-006W	P&A	Single
CANYON LARGO UNIT 76	PICTURED CLIFFS	E 017-024N-006W	P&A	Single
CANYON LARGO UNIT 77	PICTURED CLIFFS	W 009-024N-006W	Active	Single
CANYON LARGO UNIT 79	PICTURED CLIFFS	W 021-025N-007W	Active	Single
CANYON LARGO UNIT 8	PICTURED CLIFFS	W 001-024N-007W	P&A	Single

CANYON LARGO UNIT 80	PICTURED CLIFFS	E 035-025N-007W	P&A	Single
CANYON LARGO UNIT 81	PICTURED CLIFFS	W 034-025N-007W	Active	Single
CANYON LARGO UNIT 82	PICTURED CLIFFS	E 034-025N-007W	P&A	Single
CANYON LARGO UNIT 82R	PICTURED CLIFFS	E 034-025N-007W	Active	Single
CANYON LARGO UNIT 83	PICTURED CLIFFS	W 001-024N-006W	Active	Single
CANYON LARGO UNIT 84	PICTURED CLIFFS	W 013-024N-006W	Active	Single
CANYON LARGO UNIT 85	PICTURED CLIFFS	E 013-024N-006W	Active	Single
CANYON LARGO UNIT 86	PICTURED CLIFFS	SE 035-024N-006W	Active	Single
CANYON LARGO UNIT 87	PICTURED CLIFFS	E 001-024N-006W	Active	Single
CANYON LARGO UNIT 88	PICTURED CLIFFS	W 002-024N-007W	P&A	Single
CANYON LARGO UNIT 9	PICTURED CLIFFS	E 004-024N-007W	Active	Single
CANYON LARGO UNIT 90	PICTURED CLIFFS	E 001-025N-006W	Active	Single
CANYON LARGO UNIT 91	PICTURED CLIFFS	E 017-024N-006W	P&A	Single
CANYON LARGO UNIT 92	PICTURED CLIFFS	W 009-024N-006W	Active	Single
CANYON LARGO UNIT 93	PICTURED CLIFFS	E 012-025N-006W	P&A	Single
CANYON LARGO UNIT 94	PICTURED CLIFFS	E 024-025N-006W	Active	Single
CANYON LARGO UNIT 95E	DAKOTA	E 036-025N-006W	Active	Single
CANYON LARGO UNIT 96	PICTURED CLIFFS	E 003-024N-007W	P&A	Single
CANYON LARGO UNIT 97	PICTURED CLIFFS	E 002-024N-007W	P&A	Single
CANYON LARGO UNIT 98	PICTURED CLIFFS	W 026-024N-006W	P&A	Single
CANYON LARGO UNIT 99	PICTURED CLIFFS	W 036-025N-007W	Active	Single
CANYON LARGO UNIT COM 142	CHACRA	E 023-025N-006W	Active	Single
CANYON LARGO UNIT COM 295	DAKOTA	E 004-025N-006W	Active	Single
CANYON LARGO UNIT COM 314	GALLUP	E 021-025N-006W	Active	Single
CANYON LARGO UNIT COM 318	DAKOTA	W2 013-024N-006W	Active	Single
CANYON LARGO UNIT NP 106	PICTURED CLIFFS	W2 020-024N-006W	P&A	Single
CANYON LARGO UNIT NP 121	MESAVERDE	E2 017-024N-006W	P&A	Single
CANYON LARGO UNIT NP 122	MESAVERDE	E2 008-024N-006W		Single
CANYON LARGO UNIT NP 146	PICTURED CLIFFS	W 009-025N-007W	Active	Single
CANYON LARGO UNIT NP 15	PICTURED CLIFFS	W 030-025N-007W	P&A	Single
CANYON LARGO UNIT NP 158	PICTURED CLIFFS	E 001-024N-007W	Active	Single
CANYON LARGO UNIT NP 161	CHACRA	W 005-025N-006W	Active	Single
CANYON LARGO UNIT NP 162	PICTURED CLIFFS	E 006-025N-006W	Active	Single
CANYON LARGO UNIT NP 172	PICTURED CLIFFS	W 027-025N-007W	P&A	Single
CANYON LARGO UNIT NP 172	FRUITLAND COAL	W 027-025N-007W	P&A	Single
CANYON LARGO UNIT NP 182	GALLUP	E 002-024N-007W	Active	Single
CANYON LARGO UNIT NP 187	DAKOTA	E 020-025N-006W	Active	Single
CANYON LARGO UNIT NP 188	DAKOTA	W 033-025N-006W	Active	Single
CANYON LARGO UNIT NP 219	PICTURED CLIFFS	E 001-024N-007W	P&A	Single
CANYON LARGO UNIT NP 238	MESAVERDE	E 012-025N-006W	Active	Single
CANYON LARGO UNIT NP 241	DAKOTA	W 023-025N-007W	P&A	Single
CANYON LARGO UNIT NP 255	DAKOTA	W 013-025N-007W	Active	Single
CANYON LARGO UNIT NP 256	DAKOTA	W 027-025N-007W	Active	Single
CANYON LARGO UNIT NP 256	GALLUP	W 027-025N-007W	Active	Single
CANYON LARGO UNIT NP 263	PICTURED CLIFFS	W 035-024N-006W	P&A	Single

CANYON LARGO UNIT NP 263	FRUITLAND COAL	S 035-024N-006W	P&A	Single
CANYON LARGO UNIT NP 275	PICTURED CLIFFS	W 015-025N-007W	P&A	Single
CANYON LARGO UNIT NP 320	GALLUP	W 001-024N-006W	Active	Single
CANYON LARGO UNIT NP 347	MESAVERDE	E 001-024N-007W		Single
CANYON LARGO UNIT NP 348	MESAVERDE	W 006-024N-006W	P&A	Single
CANYON LARGO UNIT NP 363	MESAVERDE	E 001-024N-007W	P&A	Single
CANYON LARGO UNIT NP 63	PICTURED CLIFFS	S 009-025N-007W	P&A	Single
CANYON LARGO UNIT NP 64	FRUITLAND COAL	E 004-024N-006W	P&A	Single
CANYON LARGO UNIT NP 76	FRUITLAND COAL	E 017-024N-006W	P&A	Single
CANYON LARGO UNIT NP 78	PICTURED CLIFFS	W 015-025N-007W	Active	Single
			Single Count	337
			Grand Count	369

The working interest owners are being furnished a copy of this letter. Burlington, as Unit Operator, will drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary by the working interest owners or Unit Operator.

In accordance to Section 10 of the Unit Agreement, please provide your approvals by executing and returning a copy of this letter to the undersigned.

Please contact me at (505) 599-4010 if there are any questions regarding this letter.

Yours very truly,

Shannon Nichols

Shannon Nichols
Petroleum Landman

CANYON LARGO UNIT
2000 PLAN OF DEVELOPMENT

Bureau of Land Management — **Date**

Ry E Johnson

New Mexico Oil Conservation Division — **Date** 2/21/00

New Mexico Commissioner of Public Lands — **Date**

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 23, 1999

24

Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (2)
State of New Mexico
2040 S. Pacheco
Santa Fe, NM 87505

RE: 1999 Plan of Development
CANYON LARGO UNIT 14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO

Ladies and Gentlemen:

The following Participating Areas currently exist in the CANYON LARGO UNIT:

FORMATION	EXPANSION	EFFECTIVE DATE
CHACRA	013	01-Oct-85
DAKOTA	017	01-Dec-83
PICTURED CLIFFS	047	01-Mar-94
MESAVERDE	000	18-Apr-85
GALLUP	025	01-Apr-85

The 1998 Plan of Development (or amendments thereto) provided for the following activity:

WELL NAME	FORMATION	TYPE	DEDICATION	STATUS
CANYON LARGO UNIT 239E	MESAVERDE	Commingle	01-025N-006W	Completed
CANYON LARGO UNIT 239E	DAKOTA	Commingle	01-025N-006W	Completed
CANYON LARGO UNIT 430	DAKOTA	Commingle	14-025N-007W	Completed
CANYON LARGO UNIT 430	GALLUP	Commingle	14-025N-007W	Completed
CANYON LARGO UNIT 447	GALLUP	Commingle	24-025N-007W	Completed
CANYON LARGO UNIT 447	DAKOTA	Commingle	24-025N-007W	Completed
CANYON LARGO UNIT 287M	DAKOTA	Commingle - Dual	03-025N-006W	Completed
CANYON LARGO UNIT 287M	MESAVERDE	Commingle - Dual	03-025N-006W	Completed
CANYON LARGO UNIT 250E	MESAVERDE	NewDrill - Commingle	E/2 01-025N-006W	Completed
CANYON LARGO UNIT 250E	DAKOTA	NewDrill - Commingle	E/2 01-025N-006W	Completed

3535 East 30th St. 87402-8801 P.O. Box 4289, Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

CANYON LARGO UNIT 448	DAKOTA	NewDrill - Single	W/2 12-025N-007W	In Progress
CANYON LARGO UNIT 101	PICTURED CLIFFS	P&A	02-025N-006W	Completed
CANYON LARGO UNIT 88	PICTURED CLIFFS	P&A	02-024N-007W	Completed
CANYON LARGO UNIT 184	CHACRA	P&A - Single	12-025N-006W	Completed
CANYON LARGO UNIT 215	PICTURED CLIFFS	P&A - Single	09-024N-006W	Completed
CANYON LARGO UNIT 218	PICTURED CLIFFS	P&A - Single	20-024N-006W	Completed
CANYON LARGO UNIT 298	GALLUP	P&A - Single	E/2 03-024N-006W	In Progress
CANYON LARGO UNIT 299	GALLUP	P&A - Single	E/2 04-024N-006W	In Progress
CANYON LARGO UNIT 388	CHACRA	Recompletion	03-025N-006W	Completed

Copies of Participating Area maps are attached for each formation. The circled numbers correspond to the Unit Exhibit "B" ownership schedule.

Pursuant to Section 10 of the CANYON LARGO UNIT Agreement, Burlington Resources Oil & Gas Company, as Unit Operator, hereby submits the 1999 Plan of Development as follows:

CANYON LARGO UNIT 82R	PICTURED CLIFFS	NewDrill - Single	E/2 34-025N-007W
CANYON LARGO UNIT 275	PICTURED CLIFFS	P&A	15-025N-007W

The following is a well listing for wells in CANYON LARGO UNIT and the current status our system contains for the well.

CANYON LARGO UNIT 144	DAKOTA	W 017-025N-006W	P&A	Commingle
CANYON LARGO UNIT 144	GALLUP	NW/NW 017-025N-006W	P&A	Commingle
CANYON LARGO UNIT 239E	DAKOTA	001-025N-006W	Active	Commingle
CANYON LARGO UNIT 239E	MESAVERDE	001-025N-006W	Active	Commingle
CANYON LARGO UNIT 250E	DAKOTA	E 001-025N-006W	Active	Commingle
CANYON LARGO UNIT 250E	MESAVERDE	E 001-025N-006W	Active	Commingle
CANYON LARGO UNIT 287M	DAKOTA	W 003-025N-006W	Active	Commingle
CANYON LARGO UNIT 287M	MESAVERDE	SW/NW 003-025N-006W	Active	Commingle
CANYON LARGO UNIT 294E	DAKOTA	E 002-025N-006W	Active	Commingle
CANYON LARGO UNIT 294E	MESAVERDE	E 002-025N-006W	Active	Commingle
CANYON LARGO UNIT 430	DAKOTA	W 014-025N-007W	Active	Commingle
CANYON LARGO UNIT 430	GALLUP	W 014-025N-007W	Active	Commingle
CANYON LARGO UNIT 447	DAKOTA	SW/NE 024-025N-007W	Active	Commingle
CANYON LARGO UNIT 447	GALLUP	SW/NE 024-025N-007W	Active	Commingle
CANYON LARGO UNIT NP 185	DAKOTA	W 003-024N-006W		Commingle
CANYON LARGO UNIT NP 185	GALLUP	W 003-024N-006W		Commingle
			Commingle Count	16
CANYON LARGO UNIT 136	CHACRA	SW 004-025N-006W	Active	Dual

CANYON LARGO UNIT 178	PICTURED CLIFFS	W 014-025N-006W	Active	Dual
CANYON LARGO UNIT 178	CHACRA	W 014-025N-006W	Active	Dual
CANYON LARGO UNIT 183	PICTURED CLIFFS	002-025N-006W	Active	Dual
CANYON LARGO UNIT 183	CHACRA	002-025N-006W	Active	Dual
CANYON LARGO UNIT 237	CHACRA	001-025N-006W	Active	Dual
CANYON LARGO UNIT 428	DAKOTA	SW/NE 013-025N-007W	Active	Dual
CANYON LARGO UNIT 428	GALLUP	SW/NE 013-025N-007W	Shut-in	Dual
CANYON LARGO UNIT 95	DAKOTA	E 036-025N-006W	Active	Dual
CANYON LARGO UNIT COM 136	PICTURED CLIFFS	SW 004-025N-006W	Active	Dual
CANYON LARGO UNIT COM 137	PICTURED CLIFFS	005-025N-006W	Active	Dual
CANYON LARGO UNIT COM NP 137	CHACRA	005-025N-006W	Active	Dual
CANYON LARGO UNIT NP 237	MESAVERDE	001-025N-006W	Active	Dual
CANYON LARGO UNIT NP 89	DAKOTA	W 017-024N-006W	Shut-in	Dual
CANYON LARGO UNIT NP 95	GALLUP	E 036-025N-006W	Active	Dual
			Dual Count	15
CANYON LARGO UNIT 1	PICTURED CLIFFS	E 003-024N-006W	Active	Single
CANYON LARGO UNIT 101	PICTURED CLIFFS	E 002-025N-006W		Single
CANYON LARGO UNIT 102	PICTURED CLIFFS	NW 032-025N-006W	P&A	Single
CANYON LARGO UNIT 104	PICTURED CLIFFS	W 003-024N-007W	P&A	Single
CANYON LARGO UNIT 105	PICTURED CLIFFS	W 025-025N-007W	P&A	Single
CANYON LARGO UNIT 106	PICTURED CLIFFS	W 020-024N-006W	Active	Single
CANYON LARGO UNIT 107	CHACRA	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 108	PICTURED CLIFFS	W 015-024N-006W	Active	Single
CANYON LARGO UNIT 109	PICTURED CLIFFS	W 002-025N-006W	P&A	Single
CANYON LARGO UNIT 11	PICTURED CLIFFS	W 003-025N-006W	Active	Single
CANYON LARGO UNIT 110	DAKOTA	W 001-024N-006W	Active	Single
CANYON LARGO UNIT 111	DAKOTA	E 001-024N-006W	Active	Single
CANYON LARGO UNIT 113	PICTURED CLIFFS	W 008-024N-006W	Active	Single
CANYON LARGO UNIT 114	PICTURED CLIFFS	E 033-025N-007W	Active	Single
CANYON LARGO UNIT 115	PICTURED CLIFFS	E 008-024N-006W	Active	Single
CANYON LARGO UNIT 116	DAKOTA	E 012-024N-006W	Active	Single
CANYON LARGO UNIT 117	DAKOTA	003-024N-006W	Active	Single
CANYON LARGO UNIT 118	GALLUP	W/SW 008-024N-006W		Single
CANYON LARGO UNIT 119	GALLUP	W/NW 015-024N-006W		Single

CANYON LARGO UNIT 12	PICTURED CLIFFS	E 010-025N-006W	P&A	Single
CANYON LARGO UNIT 120	PICTURED CLIFFS	W 005-024N-006W	Active	Single
CANYON LARGO UNIT 123	GALLUP	N/NW 017-024N-006W		Single
CANYON LARGO UNIT 124	GALLUP	W/NE 017-024N-006W		Single
CANYON LARGO UNIT 126	GALLUP	W/SE 009-024N-006W	Active	Single
CANYON LARGO UNIT 127	GALLUP	W/NW 008-024N-006W		Single
CANYON LARGO UNIT 127	MESAVERDE	SW/NW 008-024N-006W		Single
CANYON LARGO UNIT 128	GALLUP	W/SW 006-024N-006W		Single
CANYON LARGO UNIT 129	GALLUP	W/NE 008-024N-006W		Single
CANYON LARGO UNIT 13	PICTURED CLIFFS	E 014-025N-006W	Active	Single
CANYON LARGO UNIT 130	GALLUP	W/NW 009-024N-006W		Single
CANYON LARGO UNIT 130R	GALLUP	NW 009-024N-006W		Single
CANYON LARGO UNIT 131	GALLUP	W/NE 009-024N-006W		Single
CANYON LARGO UNIT 131R	GALLUP	NE 009-024N-006W		Single
CANYON LARGO UNIT 135	DAKOTA	E 033-025N-006W	Active	Single
CANYON LARGO UNIT 138	CHACRA	SE 004-025N-006W	Active	Single
CANYON LARGO UNIT 139	CHACRA	E 002-025N-006W	Active	Single
CANYON LARGO UNIT 14	PICTURED CLIFFS	E 029-025N-007W	Active	Single
CANYON LARGO UNIT 140	CHACRA	E 009-025N-006W	P&A	Single
CANYON LARGO UNIT 141	CHACRA	E 024-025N-006W	Active	Single
CANYON LARGO UNIT 143	CHACRA	W 024-025N-006W	Active	Single
CANYON LARGO UNIT 144	PICTURED CLIFFS	017-025N-006W	Active	Single
CANYON LARGO UNIT 145	PICTURED CLIFFS	W 002-024N-007W	P&A	Single
CANYON LARGO UNIT 147	CHACRA	W 002-025N-006W	Active	Single
CANYON LARGO UNIT 148	CHACRA	W 011-025N-006W	Active	Single
CANYON LARGO UNIT 149	CHACRA	E 003-025N-006W	Active	Single
CANYON LARGO UNIT 150	CHACRA	W 003-025N-006W	Active	Single
CANYON LARGO UNIT 151	CHACRA	W 001-025N-006W	Active	Single
CANYON LARGO UNIT 152	CHACRA	E 001-025N-006W	P&A	Single
CANYON LARGO UNIT 153	CHACRA	E 012-025N-006W	P&A	Single
CANYON LARGO UNIT 154	CHACRA	W 012-025N-006W	Active	Single
CANYON LARGO UNIT 155	CHACRA	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 156	PICTURED CLIFFS	W 014-025N-007W	Active	Single
CANYON LARGO UNIT 157	PICTURED CLIFFS	E 027-025N-007W	Active	Single
CANYON LARGO UNIT 159	CHACRA	E 014-025N-006W	P&A	Single
CANYON LARGO UNIT 16	PICTURED CLIFFS	E 030-025N-007W	Shut-in	Single
CANYON LARGO UNIT 160	CHACRA	W 013-025N-006W	Active	Single
CANYON LARGO UNIT 163	CHACRA	E 010-025N-006W	Active	Single
CANYON LARGO UNIT 164	CHACRA	W 010-025N-006W	P&A	Single

CANYON LARGO UNIT 165	CHACRA	W 014-025N-006W	Active	Single
CANYON LARGO UNIT 166	DAKOTA	W 002-025N-006W	Active	Single
CANYON LARGO UNIT 167	CHACRA	003-025N-006W	Active	Single
CANYON LARGO UNIT 168	CHACRA	E 024-025N-006W	Active	Single
CANYON LARGO UNIT 169	PICTURED CLIFFS	004-025N-006W	P&A	Single
CANYON LARGO UNIT 169	CHACRA	004-025N-006W	P&A	Single
CANYON LARGO UNIT 170	CHACRA	004-025N-006W	P&A	Single
CANYON LARGO UNIT 173	PICTURED CLIFFS	E 028-025N-007W	Active	Single
CANYON LARGO UNIT 174	PICTURED CLIFFS	W 021-025N-007W	Shut-in	Single
CANYON LARGO UNIT 175	PICTURED CLIFFS	E 033-025N-006W	Active	Single
CANYON LARGO UNIT 176	PICTURED CLIFFS	E 006-024N-006W	Active	Single
CANYON LARGO UNIT 177	PICTURED CLIFFS	W 010-025N-006W	P&A	Single
CANYON LARGO UNIT 177	CHACRA	W 010-025N-006W	P&A	Single
CANYON LARGO UNIT 179	PICTURED CLIFFS	W 013-025N-007W	Active	Single
CANYON LARGO UNIT 18	PICTURED CLIFFS	W 035-025N-007W	P&A	Single
CANYON LARGO UNIT 180	PICTURED CLIFFS	E 023-025N-007W	Active	Single
CANYON LARGO UNIT 181	PICTURED CLIFFS	W 026-025N-007W	Active	Single
CANYON LARGO UNIT 184	CHACRA	E 012-025N-006W		Single
CANYON LARGO UNIT 186	DAKOTA	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 19	PICTURED CLIFFS	W 003-024N-006W	Active	Single
CANYON LARGO UNIT 190	PICTURED CLIFFS	E 014-025N-007W	P&A	Single
CANYON LARGO UNIT 191	PICTURED CLIFFS	W 023-025N-007W	P&A	Single
CANYON LARGO UNIT 192	PICTURED CLIFFS	E 024-025N-007W	P&A	Single
CANYON LARGO UNIT 193	PICTURED CLIFFS	W 024-025N-007W	Active	Single
CANYON LARGO UNIT 194	PICTURED CLIFFS	E 025-025N-007W	Active	Single
CANYON LARGO UNIT 195	PICTURED CLIFFS	E 026-025N-007W	P&A	Single
CANYON LARGO UNIT 196	PICTURED CLIFFS	E 033-025N-007W	Active	Single
CANYON LARGO UNIT 197	PICTURED CLIFFS	E 034-025N-007W	P&A	Single
CANYON LARGO UNIT 198	PICTURED CLIFFS	W 034-025N-007W	Active	Single
CANYON LARGO UNIT 199	PICTURED CLIFFS	E 035-025N-007W	Active	Single
CANYON LARGO UNIT 2	PICTURED	W 004-024N-006W	Active	Single

	CLIFFS			
CANYON LARGO UNIT 20	PICTURED CLIFFS	E 012-024N-006W	Active	Single
CANYON LARGO UNIT 200	PICTURED CLIFFS	W 035-025N-007W	Active	Single
CANYON LARGO UNIT 201	PICTURED CLIFFS	003-025N-006W	P&A	Single
CANYON LARGO UNIT 202	PICTURED CLIFFS	005-025N-006W	P&A	Single
CANYON LARGO UNIT 203	PICTURED CLIFFS	W 010-025N-006W	Active	Single
CANYON LARGO UNIT 204	PICTURED CLIFFS	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 205	PICTURED CLIFFS	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 206	PICTURED CLIFFS	E/W 019-025N-006W	Active	Single
CANYON LARGO UNIT 207	PICTURED CLIFFS	W 028-025N-006W	P&A	Single
CANYON LARGO UNIT 208	PICTURED CLIFFS	E 029-025N-006W	Shut-in	Single
CANYON LARGO UNIT 209	PICTURED CLIFFS	W 029-025N-006W	P&A	Single
CANYON LARGO UNIT 21	PICTURED CLIFFS	W 015-024N-006W	Active	Single
CANYON LARGO UNIT 210	PICTURED CLIFFS	E 030-025N-006W	Active	Single
CANYON LARGO UNIT 211	PICTURED CLIFFS	E/W 030-025N-006W	Active	Single
CANYON LARGO UNIT 212	PICTURED CLIFFS	E/W 006-024N-006W	Active	Single
CANYON LARGO UNIT 213	PICTURED CLIFFS	W 008-024N-006W	P&A	Single
CANYON LARGO UNIT 214	PICTURED CLIFFS	SE 008-024N-006W	Active	Single
CANYON LARGO UNIT 215	PICTURED CLIFFS	NE 009-024N-006W		Single
CANYON LARGO UNIT 216	PICTURED CLIFFS	NE 015-024N-006W	Active	Single
CANYON LARGO UNIT 217	PICTURED CLIFFS	NW 017-024N-006W	Active	Single
CANYON LARGO UNIT 218	PICTURED CLIFFS	NE 020-024N-006W		Single
CANYON LARGO UNIT 22	PICTURED CLIFFS	E 015-024N-006W	Active	Single
CANYON LARGO UNIT 220	PICTURED CLIFFS	SE 002-024N-007W	Active	Single
CANYON LARGO UNIT 221	PICTURED CLIFFS	SW/NW 003-024N-007W	P&A	Single
CANYON LARGO UNIT 222	PICTURED CLIFFS	SE 003-024N-007W	P&A	Single
CANYON LARGO UNIT 224	PICTURED CLIFFS	001-025N-006W	Active	Single
CANYON LARGO UNIT 225	PICTURED	003-025N-006W	Active	Single

	CLIFFS			
CANYON LARGO UNIT 226	PICTURED CLIFFS	E 010-025N-006W	P&A	Single
CANYON LARGO UNIT 227	PICTURED CLIFFS	W 011-025N-006W	Shut-in	Single
CANYON LARGO UNIT 228	PICTURED CLIFFS	W 013-025N-006W	Active	Single
CANYON LARGO UNIT 229	PICTURED CLIFFS	E 014-025N-006W	Active	Single
CANYON LARGO UNIT 23	PICTURED CLIFFS	E 001-025N-006W	P&A	Single
CANYON LARGO UNIT 230	PICTURED CLIFFS	E 015-025N-006W	Active	Single
CANYON LARGO UNIT 239	DAKOTA	001-025N-006W	Active	Single
CANYON LARGO UNIT 24	PICTURED CLIFFS	W 002-025N-006W	Active	Single
CANYON LARGO UNIT 240	DAKOTA	W 012-025N-006W	Active	Single
CANYON LARGO UNIT 241	GALLUP	W 023-025N-007W		Single
CANYON LARGO UNIT 242	PICTURED CLIFFS	W 013-025N-007W	Active	Single
CANYON LARGO UNIT 243	PICTURED CLIFFS	E 014-025N-007W	Active	Single
CANYON LARGO UNIT 244	PICTURED CLIFFS	E 023-025N-007W	P&A	Single
CANYON LARGO UNIT 246	PICTURED CLIFFS	E 026-025N-007W	P&A	Single
CANYON LARGO UNIT 247	PICTURED CLIFFS	E 027-025N-007W	Active	Single
CANYON LARGO UNIT 248	PICTURED CLIFFS	W 036-025N-007W	P&A	Single
CANYON LARGO UNIT 249	DAKOTA	E 004-024N-006W	Active	Single
CANYON LARGO UNIT 25	PICTURED CLIFFS	W 004-025N-006W	Active	Single
CANYON LARGO UNIT 250	DAKOTA	E 001-025N-006W	Active	Single
CANYON LARGO UNIT 252	DAKOTA	003-025N-006W	Active	Single
CANYON LARGO UNIT 253	DAKOTA	E 012-025N-006W	Active	Single
CANYON LARGO UNIT 254	DAKOTA	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 255E	DAKOTA	W 013-025N-007W	Active	Single
CANYON LARGO UNIT 258	PICTURED CLIFFS	SE 006-024N-006W	Active	Single
CANYON LARGO UNIT 26	PICTURED CLIFFS	E 004-025N-006W	Active	Single
CANYON LARGO UNIT 260	PICTURED CLIFFS	W 017-024N-006W	Active	Single
CANYON LARGO UNIT 261	PICTURED CLIFFS	W 021-024N-006W	Active	Single
CANYON LARGO UNIT 264	PICTURED CLIFFS	SW 001-024N-007W	Active	Single
CANYON LARGO UNIT 267	PICTURED CLIFFS	W 018-025N-006W	P&A	Single
CANYON LARGO UNIT 268	PICTURED CLIFFS	E 019-025N-006W	Active	Single

CANYON LARGO UNIT 269	PICTURED CLIFFS	W 020-025N-006W	P&A	Single
CANYON LARGO UNIT 27	PICTURED CLIFFS	E 005-025N-006W	Active	Single
CANYON LARGO UNIT 270	PICTURED CLIFFS	E 020-025N-006W	P&A	Single
CANYON LARGO UNIT 271	PICTURED CLIFFS	E 032-025N-006W	Active	Single
CANYON LARGO UNIT 272	PICTURED CLIFFS	W 033-025N-006W	Active	Single
CANYON LARGO UNIT 273	PICTURED CLIFFS	E 033-025N-006W	Active	Single
CANYON LARGO UNIT 276	PICTURED CLIFFS	W 027-025N-007W	P&A	Single
CANYON LARGO UNIT 277	PICTURED CLIFFS	E 028-025N-007W	P&A	Single
CANYON LARGO UNIT 278	DAKOTA	W 011-025N-006W	Active	Single
CANYON LARGO UNIT 279	DAKOTA	E 014-025N-006W	Active	Single
CANYON LARGO UNIT 28	PICTURED CLIFFS	NW 005-025N-006W	Active	Single
CANYON LARGO UNIT 280	PICTURED CLIFFS	W 014-025N-006W	P&A	Single
CANYON LARGO UNIT 281	PICTURED CLIFFS	NW, N/SW 015-025N-006W	P&A	Single
CANYON LARGO UNIT 284	PICTURED CLIFFS	SW 003-025N-007W	Temp. Aband.	Single
CANYON LARGO UNIT 286	DAKOTA	E 011-024N-006W	Active	Single
CANYON LARGO UNIT 287	DAKOTA	SW 003-025N-006W	Shut-in	Single
CANYON LARGO UNIT 288	DAKOTA	W 013-025N-006W	Active	Single
CANYON LARGO UNIT 289	PICTURED CLIFFS	W 028-025N-007W	Shut-in	Single
CANYON LARGO UNIT 29	PICTURED CLIFFS	E 007-025N-006W	Active	Single
CANYON LARGO UNIT 290	PICTURED CLIFFS	W 033-025N-007W	Shut-in	Single
CANYON LARGO UNIT 291	DAKOTA	W 012-024N-006W	Active	Single
CANYON LARGO UNIT 292	DAKOTA	E 010-025N-006W	Active	Single
CANYON LARGO UNIT 293	PICTURED CLIFFS	E 009-025N-006W	P&A	Single
CANYON LARGO UNIT 294	DAKOTA	E 002-025N-006W	Active	Single
CANYON LARGO UNIT 297	DAKOTA	E 013-024N-006W	Active	Single
CANYON LARGO UNIT 298	GALLUP	E 003-024N-006W		Single
CANYON LARGO UNIT 299	GALLUP	E 004-024N-006W	P&A	Single
CANYON LARGO UNIT 3	PICTURED CLIFFS	E 009-024N-006W	Active	Single
CANYON LARGO UNIT 30	PICTURED CLIFFS	W 009-025N-006W	Active	Single
CANYON LARGO UNIT 300	GALLUP	E 008-024N-006W		Single
CANYON LARGO UNIT 301	GALLUP	W 004-024N-006W		Single
CANYON LARGO UNIT 302	GALLUP	E 003-024N-006W		Single
CANYON LARGO UNIT 303	GALLUP	E 005-024N-006W		Single

CANYON LARGO UNIT 304	GALLUP	W 011-024N-006W		Single
CANYON LARGO UNIT 305	GALLUP	E 011-024N-006W		Single
CANYON LARGO UNIT 306	GALLUP	W 011-024N-006W		Single
CANYON LARGO UNIT 307	GALLUP	E 011-024N-006W		Single
CANYON LARGO UNIT 308	GALLUP	E 005-024N-006W		Single
CANYON LARGO UNIT 31	PICTURED CLIFFS	E 011-025N-006W	Active	Single
CANYON LARGO UNIT 310	GALLUP	E 004-024N-006W	Active	Single
CANYON LARGO UNIT 311	GALLUP	W 003-024N-006W	Active	Single
CANYON LARGO UNIT 313	GALLUP	NE 028-025N-006W		Single
CANYON LARGO UNIT 315	GALLUP	NW 028-025N-006W	Active	Single
CANYON LARGO UNIT 316	GALLUP	SW 021-025N-006W		Single
CANYON LARGO UNIT 317	GALLUP	W 021-025N-006W		Single
CANYON LARGO UNIT 319	GALLUP	W 028-025N-006W		Single
CANYON LARGO UNIT 32	PICTURED CLIFFS	W 011-025N-006W	Active	Single
CANYON LARGO UNIT 321	GALLUP	E 032-025N-006W		Single
CANYON LARGO UNIT 324	GALLUP	W 020-024N-006W		Single
CANYON LARGO UNIT 325	GALLUP	NE 033-025N-006W		Single
CANYON LARGO UNIT 326	GALLUP	NW 033-025N-006W		Single
CANYON LARGO UNIT 327	GALLUP	E 032-025N-006W		Single
CANYON LARGO UNIT 328	GALLUP	W 005-024N-006W	Active	Single
CANYON LARGO UNIT 33	PICTURED CLIFFS	E 012-025N-006W	Active	Single
CANYON LARGO UNIT 331	GALLUP	E 006-024N-006W		Single
CANYON LARGO UNIT 332	GALLUP	E 001-024N-007W		Single
CANYON LARGO UNIT 333	GALLUP	W 001-024N-007W		Single
CANYON LARGO UNIT 334	GALLUP	E 015-024N-006W		Single
CANYON LARGO UNIT 335	GALLUP	NW 032-025N-006W		Single
CANYON LARGO UNIT 336	PICTURED CLIFFS	W 024-025N-006W	Active	Single
CANYON LARGO UNIT 337	GALLUP	W 005-024N-006W		Single
CANYON LARGO UNIT 338	GALLUP	E 006-024N-006W		Single
CANYON LARGO UNIT 339	GALLUP	W 006-024N-006W		Single
CANYON LARGO UNIT 34	PICTURED CLIFFS	W 012-025N-006W	P&A	Single
CANYON LARGO UNIT 340	GALLUP	E 001-024N-007W		Single
CANYON LARGO UNIT 341	GALLUP	W 001-024N-007W		Single
CANYON LARGO UNIT 342	GALLUP	W 020-025N-006W		Single
CANYON LARGO UNIT 343	GALLUP	W 029-025N-006W		Single
CANYON LARGO UNIT 344	GALLUP	W 030-025N-006W		Single
CANYON LARGO UNIT 345	GALLUP	E 036-025N-007W		Single
CANYON LARGO UNIT 347	PICTURED CLIFFS	E 001-024N-007W	P&A	Single
CANYON LARGO UNIT 349	MESAVERDE	W 008-024N-006W		Single
CANYON LARGO UNIT 35	PICTURED CLIFFS	W 013-025N-006W	Active	Single

CANYON LARGO UNIT 356	GALLUP	E 020-025N-006W	Active	Single
CANYON LARGO UNIT 357	GALLUP	E 029-025N-006W		Single
CANYON LARGO UNIT 358	GALLUP	E 030-025N-006W		Single
CANYON LARGO UNIT 359	GALLUP	W 031-025N-006W		Single
CANYON LARGO UNIT 36	PICTURED CLIFFS	E 013-025N-006W	Active	Single
CANYON LARGO UNIT 360	GALLUP	W 002-024N-007W		Single
CANYON LARGO UNIT 361	GALLUP	E 002-024N-007W		Single
CANYON LARGO UNIT 362	GALLUP	W 002-024N-007W		Single
CANYON LARGO UNIT 37	PICTURED CLIFFS	W 019-025N-006W	Active	Single
CANYON LARGO UNIT 38	PICTURED CLIFFS	E 019-025N-006W	Active	Single
CANYON LARGO UNIT 388	MESAVERDE	NE/SW 003-025N-006W	P&A	Single
CANYON LARGO UNIT 388	CHACRA	W 003-025N-006W	Active	Single
CANYON LARGO UNIT 39	PICTURED CLIFFS	W 020-025N-006W	P&A	Single
CANYON LARGO UNIT 393	GALLUP	NW 031-025N-006W		Single
CANYON LARGO UNIT 40	PICTURED CLIFFS	E 023-025N-006W	Active	Single
CANYON LARGO UNIT 400	DAKOTA	SW/SE 030-025N-006W	Active	Single
CANYON LARGO UNIT 409	CHACRA	E 015-025N-006W	Shut-in	Single
CANYON LARGO UNIT 409	DAKOTA	NW/NE 015-025N-006W	Active	Single
CANYON LARGO UNIT 41	PICTURED CLIFFS	E 024-025N-006W	P&A	Single
CANYON LARGO UNIT 415	DAKOTA	SW/NE 019-025N-006W	Active	Single
CANYON LARGO UNIT 42	PICTURED CLIFFS	W 028-025N-006W	P&A	Single
CANYON LARGO UNIT 425	DAKOTA	SW/SW 010-025N-007W	Active	Single
CANYON LARGO UNIT 427	DAKOTA	SE/SW 011-025N-007W	Active	Single
CANYON LARGO UNIT 43	PICTURED CLIFFS	W 029-025N-006W	Active	Single
CANYON LARGO UNIT 431	DAKOTA	SW/NE 014-025N-007W	Active	Single
CANYON LARGO UNIT 434	DAKOTA	SW/SW 020-024N-006W	Shut-in	Single
CANYON LARGO UNIT 44	PICTURED CLIFFS	E 029-025N-006W	Active	Single
CANYON LARGO UNIT 448	DAKOTA	NW/SW 012-025N-007W		Single
CANYON LARGO UNIT 45	PICTURED CLIFFS	W 030-025N-006W	Active	Single
CANYON LARGO UNIT 46	PICTURED CLIFFS	E 030-025N-006W	P&A	Single
CANYON LARGO UNIT 47	PICTURED CLIFFS	E 032-025N-006W	Active	Single
CANYON LARGO UNIT 48	PICTURED CLIFFS	W 033-025N-006W	Active	Single
CANYON LARGO UNIT 49	PICTURED CLIFFS	W 003-025N-007W	Active	Single
CANYON LARGO UNIT 5	PICTURED CLIFFS	E 021-024N-006W	Active	Single
CANYON LARGO UNIT 50	PICTURED	E 003-025N-007W	Active	Single

	CLIFFS			
CANYON LARGO UNIT 51	PICTURED CLIFFS	E 011-025N-007W	P&A	Single
CANYON LARGO UNIT 52	PICTURED CLIFFS	E 013-025N-007W	Active	Single
CANYON LARGO UNIT 53	PICTURED CLIFFS	W 024-025N-007W	P&A	Single
CANYON LARGO UNIT 54	PICTURED CLIFFS	E 024-025N-007W	Active	Single
CANYON LARGO UNIT 55	PICTURED CLIFFS	E 025-025N-007W	Active	Single
CANYON LARGO UNIT 56	PICTURED CLIFFS	W 028-025N-007W	Active	Single
CANYON LARGO UNIT 57	PICTURED CLIFFS	E 036-025N-007W	Active	Single
CANYON LARGO UNIT 58	PICTURED CLIFFS	W 022-024N-006W	P&A	Single
CANYON LARGO UNIT 59	PICTURED CLIFFS	E 022-024N-006W	P&A	Single
CANYON LARGO UNIT 6	DAKOTA	E 025-024N-006W	Active	Single
CANYON LARGO UNIT 60	PICTURED CLIFFS	E 010-024N-007W	Active	Single
CANYON LARGO UNIT 61	PICTURED CLIFFS	W 007-025N-006W	Active	Single
CANYON LARGO UNIT 64	PICTURED CLIFFS	004-024N-006W	P&A	Single
CANYON LARGO UNIT 65	PICTURED CLIFFS	E 003-025N-006W	Active	Single
CANYON LARGO UNIT 66	PICTURED CLIFFS	W 029-025N-007W	Shut-in	Single
CANYON LARGO UNIT 67	PICTURED CLIFFS	W 001-025N-006W	Active	Single
CANYON LARGO UNIT 69	CHACRA	E 015-025N-006W	Active	Single
CANYON LARGO UNIT 7	PICTURED CLIFFS	E 027-024N-006W	P&A	Single
CANYON LARGO UNIT 70	PICTURED CLIFFS	E 031-025N-006W	P&A	Single
CANYON LARGO UNIT 71	PICTURED CLIFFS	E 011-024N-006W	Active	Single
CANYON LARGO UNIT 72	PICTURED CLIFFS	SW/SW 011-024N-006W	P&A	Single
CANYON LARGO UNIT 73	PICTURED CLIFFS	W 012-024N-006W	P&A	Single
CANYON LARGO UNIT 74	PICTURED CLIFFS	E 026-024N-006W	Active	Single
CANYON LARGO UNIT 75	PICTURED CLIFFS	NW 021-024N-006W	P&A	Single
CANYON LARGO UNIT 76	PICTURED CLIFFS	E 017-024N-006W	P&A	Single
CANYON LARGO UNIT 77	PICTURED CLIFFS	W 009-024N-006W	Active	Single
CANYON LARGO UNIT 79	PICTURED CLIFFS	W 021-025N-007W	Active	Single

CANYON LARGO UNIT 8	PICTURED CLIFFS	W 001-024N-007W	P&A	Single
CANYON LARGO UNIT 80	PICTURED CLIFFS	E 035-025N-007W	P&A	Single
CANYON LARGO UNIT 81	PICTURED CLIFFS	W 034-025N-007W	Active	Single
CANYON LARGO UNIT 82	PICTURED CLIFFS	E 034-025N-007W	P&A	Single
CANYON LARGO UNIT 83	PICTURED CLIFFS	W 001-024N-006W	Active	Single
CANYON LARGO UNIT 84	PICTURED CLIFFS	SW 013-024N-006W	Active	Single
CANYON LARGO UNIT 85	PICTURED CLIFFS	E 013-024N-006W	Active	Single
CANYON LARGO UNIT 86	PICTURED CLIFFS	SE 035-024N-006W	Active	Single
CANYON LARGO UNIT 87	PICTURED CLIFFS	E 001-024N-006W	Active	Single
CANYON LARGO UNIT 88	PICTURED CLIFFS	002-024N-007W	P&A	Single
CANYON LARGO UNIT 89	GALLUP	W 017-024N-006W		Single
CANYON LARGO UNIT 9	PICTURED CLIFFS	E 004-024N-007W	Active	Single
CANYON LARGO UNIT 90	PICTURED CLIFFS	E 001-025N-006W	Active	Single
CANYON LARGO UNIT 91	PICTURED CLIFFS	E 017-024N-006W	P&A	Single
CANYON LARGO UNIT 92	PICTURED CLIFFS	W 009-024N-006W	Active	Single
CANYON LARGO UNIT 93	PICTURED CLIFFS	E 012-025N-006W	P&A	Single
CANYON LARGO UNIT 94	PICTURED CLIFFS	E 024-025N-006W	Active	Single
CANYON LARGO UNIT 95E	DAKOTA	E 036-025N-006W	Active	Single
CANYON LARGO UNIT 96	PICTURED CLIFFS	E 003-024N-007W	P&A	Single
CANYON LARGO UNIT 97	PICTURED CLIFFS	NE 002-024N-007W	P&A	Single
CANYON LARGO UNIT 98	PICTURED CLIFFS	NW 026-024N-006W	P&A	Single
CANYON LARGO UNIT 99	PICTURED CLIFFS	W 036-025N-007W	Active	Single
CANYON LARGO UNIT COM 142	CHACRA	NE 023-025N-006W	Active	Single
CANYON LARGO UNIT COM 295	DAKOTA	E 004-025N-006W	Active	Single
CANYON LARGO UNIT COM 314	GALLUP	SE 021-025N-006W		Single
CANYON LARGO UNIT COM 318	DAKOTA	W 013-024N-006W	Active	Single
CANYON LARGO UNIT NP 106	PICTURED CLIFFS	W 020-024N-006W	P&A	Single
CANYON LARGO UNIT NP 121	MESAVERDE	E 017-024N-006W		Single
CANYON LARGO UNIT NP 122	MESAVERDE	E 008-024N-006W		Single
CANYON LARGO UNIT NP 146	PICTURED CLIFFS	SW 009-025N-007W	Active	Single

CANYON LARGO UNIT NP 15	PICTURED CLIFFS	W 030-025N-007W	P&A	Single
CANYON LARGO UNIT NP 158	PICTURED CLIFFS	SE 001-024N-007W	Active	Single
CANYON LARGO UNIT NP 161	CHACRA	005-025N-006W	Active	Single
CANYON LARGO UNIT NP 162	PICTURED CLIFFS	E 006-025N-006W	Active	Single
CANYON LARGO UNIT NP 172	PICTURED CLIFFS	W 027-025N-007W	P&A	Single
CANYON LARGO UNIT NP 172	FRUITLAND COAL	W 027-025N-007W	P&A	Single
CANYON LARGO UNIT NP 182	GALLUP	E 002-024N-007W	Active	Single
CANYON LARGO UNIT NP 187	DAKOTA	E 020-025N-006W	Active	Single
CANYON LARGO UNIT NP 188	DAKOTA	W 033-025N-006W	Active	Single
CANYON LARGO UNIT NP 219	PICTURED CLIFFS	NE 001-024N-007W	P&A	Single
CANYON LARGO UNIT NP 238	MESAVERDE	E 012-025N-006W	Active	Single
CANYON LARGO UNIT NP 241	DAKOTA	W 023-025N-007W	P&A	Single
CANYON LARGO UNIT NP 255	DAKOTA	W 013-025N-007W	Active	Single
CANYON LARGO UNIT NP 256	DAKOTA	W 027-025N-007W	Active	Single
CANYON LARGO UNIT NP 256	GALLUP	W 027-025N-007W	Active	Single
CANYON LARGO UNIT NP 263	PICTURED CLIFFS	SW 035-024N-006W	P&A	Single
CANYON LARGO UNIT NP 263	FRUITLAND COAL	S 035-024N-006W	P&A	Single
CANYON LARGO UNIT NP 275	PICTURED CLIFFS	W 015-025N-007W	Active	Single
CANYON LARGO UNIT NP 320	GALLUP	NW 001-024N-006W	Active	Single
CANYON LARGO UNIT NP 347	MESAVERDE	E 001-024N-007W		Single
CANYON LARGO UNIT NP 348	MESAVERDE	W 006-024N-006W		Single
CANYON LARGO UNIT NP 363	MESAVERDE	E 001-024N-007W		Single
CANYON LARGO UNIT NP 63	PICTURED CLIFFS	S 009-025N-007W	P&A	Single
CANYON LARGO UNIT NP 64	FRUITLAND COAL	E 004-024N-006W	P&A	Single
CANYON LARGO UNIT NP 76	FRUITLAND COAL	E 017-024N-006W	P&A	Single
CANYON LARGO UNIT NP 78	PICTURED CLIFFS	W 015-025N-007W	Active	Single
			Single Count	337
			Grand Count	368

The working interest owners are being furnished a copy of this letter. Burlington, as Unit Operator, will drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary by the working interest owners or Unit Operator.

In accordance to Section 10 of the Unit Agreement, please provide your approvals by executing and returning a copy of this letter to the undersigned.

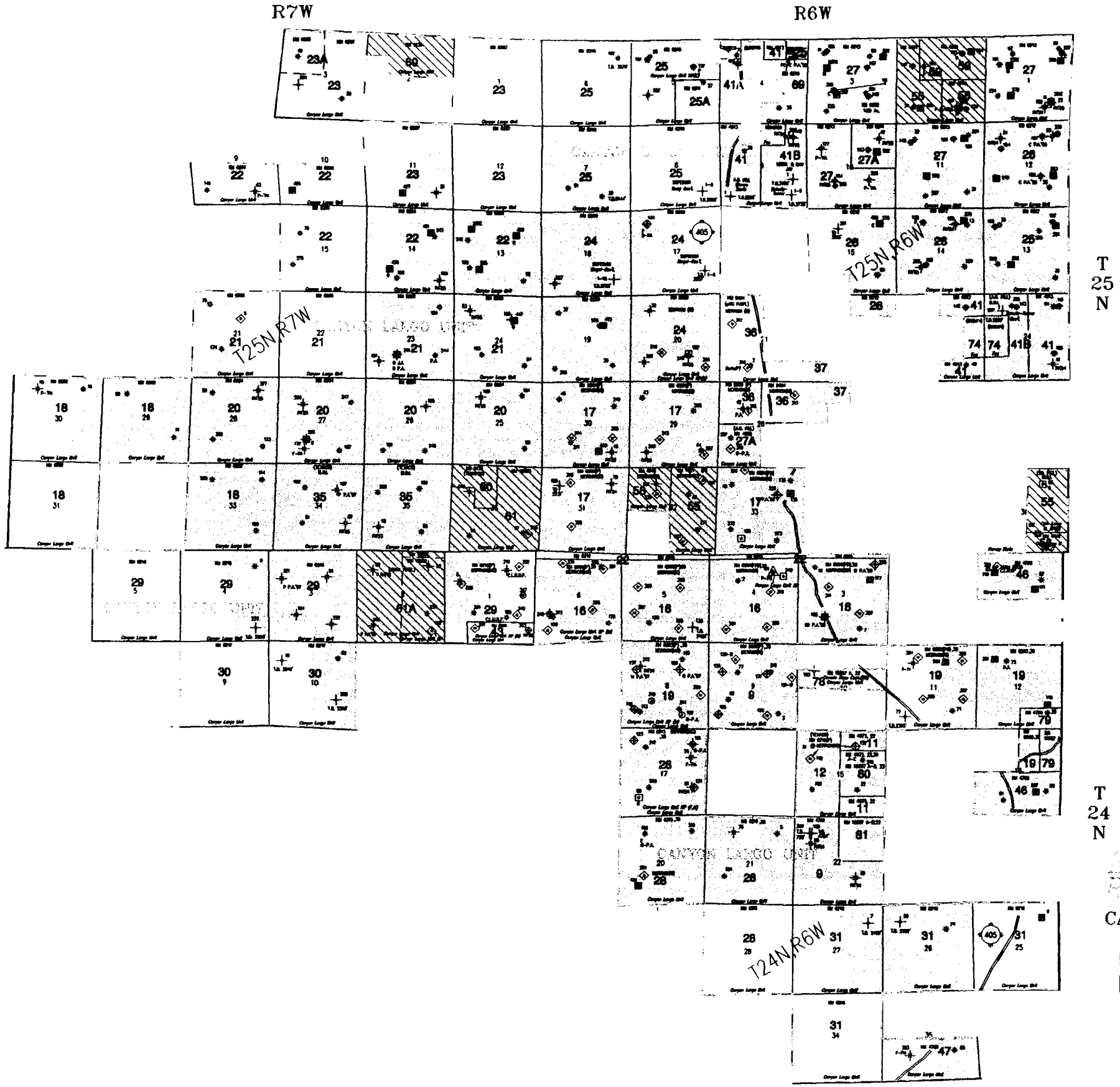
Please contact me at (505) 326-9756 if there are any questions regarding this letter.

Yours very truly,

James R. J. Strickler, CPL
Senior Staff Landman

CANYON LARGO UNIT
1999 PLAN OF DEVELOPMENT

Bureau of Land Management	**Date**
New Mexico Oil Conservation Division	3/25/99 **Date**
New Mexico Commissioner of Public Lands	**Date**



FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA

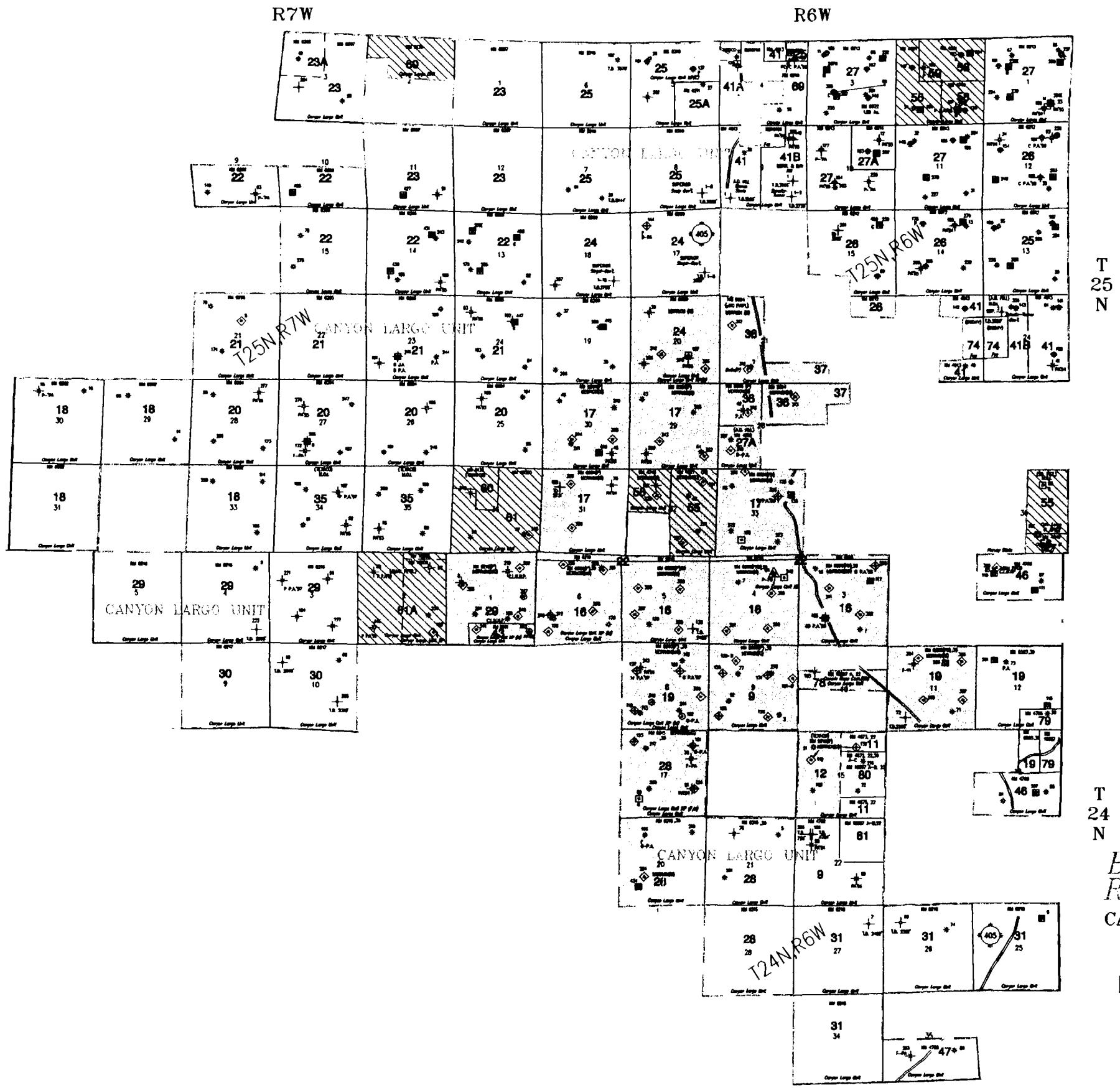
BURLINGTON RESOURCES

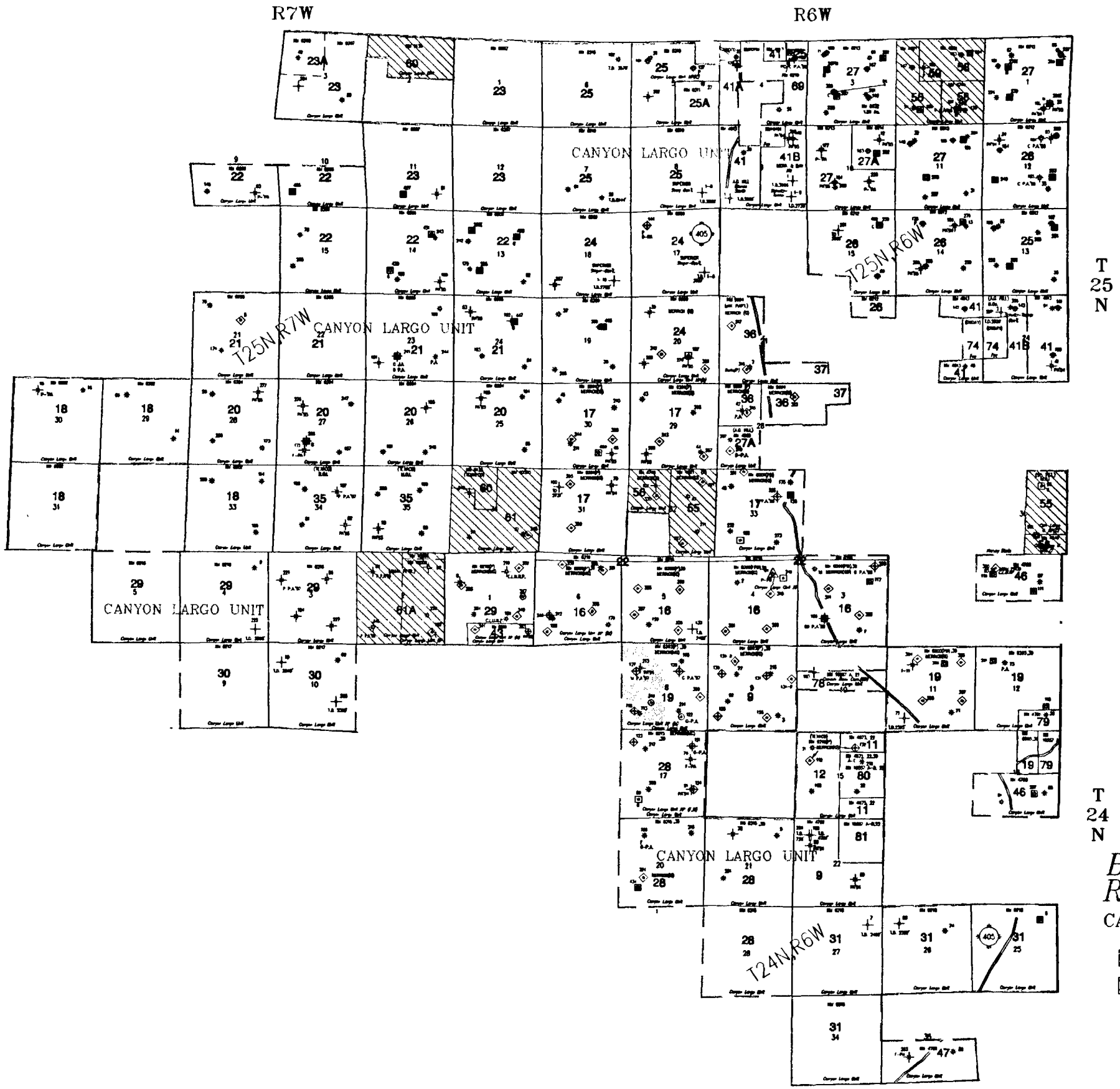
CANYON LARGO UNIT

PICTURED CLIFFS PARTICIPATING AREA
47th Expansion Effective 3/01/94

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

March 15, 1999


R7W
R6W
T 25 N
T 24 N
T25N,R7W
T25N,R6W
T24N,R6W
CANYON LARGO UNIT
CANYON LARGO UNIT
CANYON LARGO UNIT
CANYON LARGO UNIT
FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA
BURLINGTON RESOURCES
CANYON LARGO UNIT
GALLUP PARTICIPATING AREA
25th Expansion Effective 4/1/85
OIL AND GAS OWNED BY
STATE OF NEW MEXICO
March 15, 1999



FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA

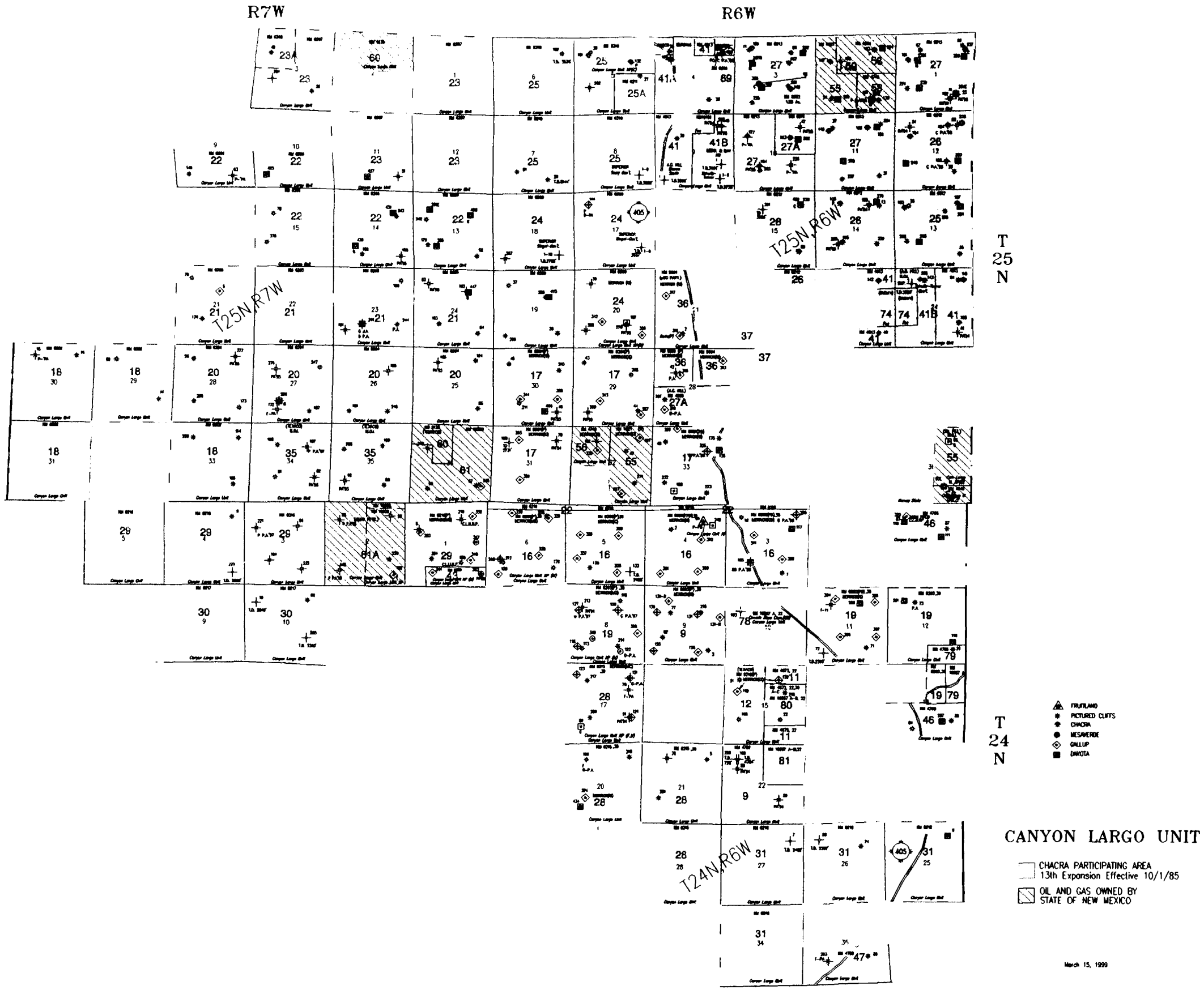
BURLINGTON RESOURCES

CANYON LARGO UNIT

MESAVERDE PARTICIPATING AREA
Initial Expansion Effective 4/18/85

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

March 15, 1999



CANYON LARGO UNIT

CHACRA PARTICIPATING AREA
13th Expansion Effective 10/1/85

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

March 15, 1999

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

January 13, 1999

Burlington Resources Oil and Gas Company
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Ms. Marian L. Wimsatt

Re: Canyon Largo Unit
Commercial Determinations
Pictured Cliffs Formation
San Juan County, New Mexico

Dear Ms. Wimsatt:

We are in receipt of your letter of June 23, 1998, and a copy of the Bureau of Land Management's letter of December 18, 1998, regarding the commercial determinations for the San Juan 32-9 Unit Well Nos. 106 (E/2, Section 17-31N-09W), 107 (W/2, Section 9-31N-09W), 111 (E/2, Section 8-31N-09W), 112 (E/2, Section 9-31N-09W), 115 (W/2, Section 1-31N-10W), 41-A (E/2, Section 31-32N-09W), 67 (E/2, Section 24-32N-10W), 37-A (E/2, Section 32-32N-09W), 47-A (W/2, Section 4-31N-09W), 42-A (E/2, Section 6-31N-09W), 3 (E/2, Section 1, 31N-10W) and the 23A (W/2, Section 5-31N-09W).

We concur with the Bureau of Land Management's determination that the San Juan 32-9 Unit Well Nos. 106, 107, 111, 112, 115, 41-A, and 3 are commercial wells in the Pictured Cliffs Formation and are entitled to participate in the Pictured Cliffs Formation participating area.

We also concur that the San Juan 32-9 Unit Well Nos. 67, 37-A, 47-A, 42-A, and 23-A are non-paying wells and should be produced on a lease basis.

Please submit an application for the appropriate expansion of the Pictured Cliffs Formation participating area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
Enclosure
xc: Reader File OCD--Roy Johnson BLM

"WE WORK FOR EDUCATION"

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

January 29, 1999

Burlington Resources
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. James R. J. Strickler

Re: 1998 Plan of Development
Canyon Largo Unit
First Amendment
Rio Arriba County, New Mexico

Dear Mr. Strickler:

The Commissioner of Public Lands has, of this date, approved the above-captioned First Amended Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
xc: Reader File OCD BLM

FILE

BURLINGTON RESOURCES

SAN JUAN DIVISION

RECEIVED

JAN 22 1999

January 20, 1999

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit #14-08-001-1059
Commercial Determinations
Mesaverde Formation
Rio Arriba County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the Canyon Largo Unit Agreement, #14-08-001-1059, approved, September 18, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that the well listed below is not capable of producing unitized substances in paying quantities from the Mesaverde Formation. Burlington is seeking confirmation of the paying well determination enclosed.

BR's AIN No.	Well Name & Number	Well Dedication	Dedicated Lease	Completion Date	Commericality Determination
4367402	Canyon Largo Unit #127	W/2 8-24N-6W	NMSF-078877	6/9/63	Non-Commercial

Upon receipt of response from the Bureau of Land Management and concurring response from the New Mexico Oil Conservation Division, the well will be carried as non-commercial on a lease basis.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,

Marian L. Wimsatt

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.2
cc: James Strickler

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

12/22/98

FOR LEASE: CANYON LARGO UNIT # 127

WELL INFORMATION:

LOCATION	024N006W08E		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BLANCO MESAVERDE (PRO		
OPERATOR	MERRION OIL AND GAS CO		
SPUD DATE	5/ 8/63		
COMP DATE	6/ 9/63		
FIRST GAS	1/ 1/92		
COMM GWI	100.00	MOI GWI	.00
COMM NRI	87.50	MOI NRI	6.25

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	.18 %
PROD. EQUIP.	NM	.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	.00
BHSIP	.00

WELL COST DATA:

AVERAGE WELL COST	$	313.00	M
PAYOUT YEARS		20.75	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1992	2.84	.00	.00	4.03	.00	4.03
1994	44.02	.00	.00	4.03	.00	4.03
1995	40.17	.00	.00	4.03	.00	4.03
1996	19.35	.00	.00	4.03	.00	4.03
1997	17.92	.00	.00	4.03	.00	4.03
1998	16.67	.00	.00	4.03	.00	4.03
1999	15.50	.00	.00	4.03	.00	4.03
2000	14.41	.00	.00	4.03	.00	4.03
2001	13.41	.00	.00	4.03	.00	4.03
2002	12.47	.00	.00	4.03	.00	4.03
2003	11.59	.00	.00	4.03	.00	4.03
2004	10.78	.00	.00	4.03	.00	4.03
2005	10.03	.00	.00	4.03	.00	4.03

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

12/22/98

FOR LEASE: CANYON LARGO UNIT # 127

WELL INFORMATION:

LOCATION	024N006W08E			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BLANCO MESAVERDE (PRORAT			
OPERATOR	MERRION OIL AND GAS CO			
SPUD DATE	5/ 8/63			
COMP DATE	6/ 9/63			
FIRST GAS	1/ 1/92			
COMM GWI	100.00 %	MOI GWI	.00 %	
COMM NRI	87.50 %	MOI NRI	6.25 %	

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	.18 %
PROD. EQUIP.	NM	.22 %
TOTAL		9.36 %

AVERAGE HEAT CONTENT

1,000 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	313.00 M
PAYOUT YEARS		20.7

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.44	12/92
1.58	12/93
1.31	12/94
.95	TO LIFE

Dwights Discover CD-ROM ID: R-967724-1 Plug Back
Copyright 1998 Rockies Run Date: 22-Dec-98

State : New Mexico NM Merid 24N - 6W - 8 ne sw nw

County: RIO ARRIBA Oper: MERRION OIL & GAS CORP

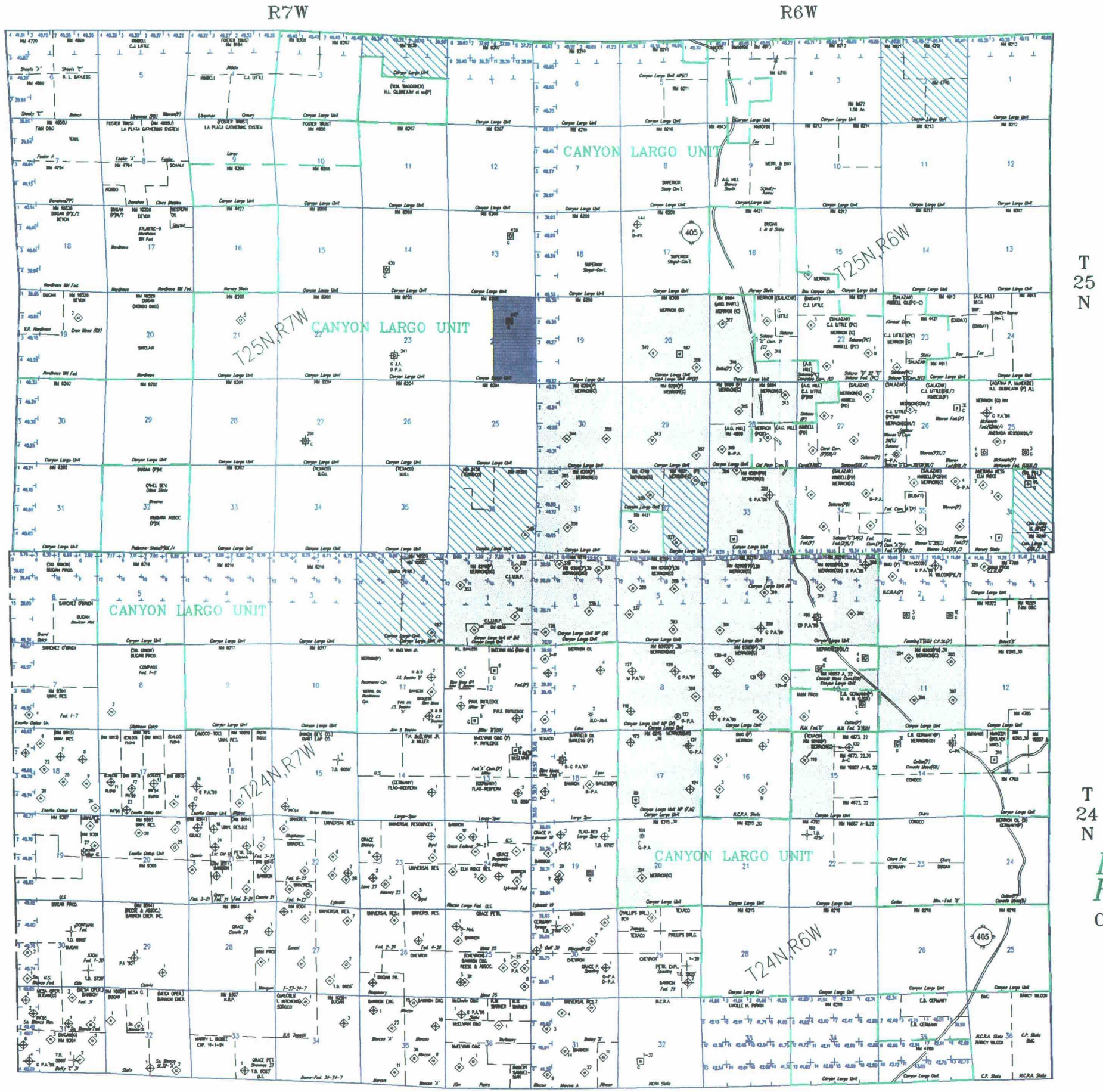
Field : DEVILS FORK MV Compl: 01/15/1993 D O OIL

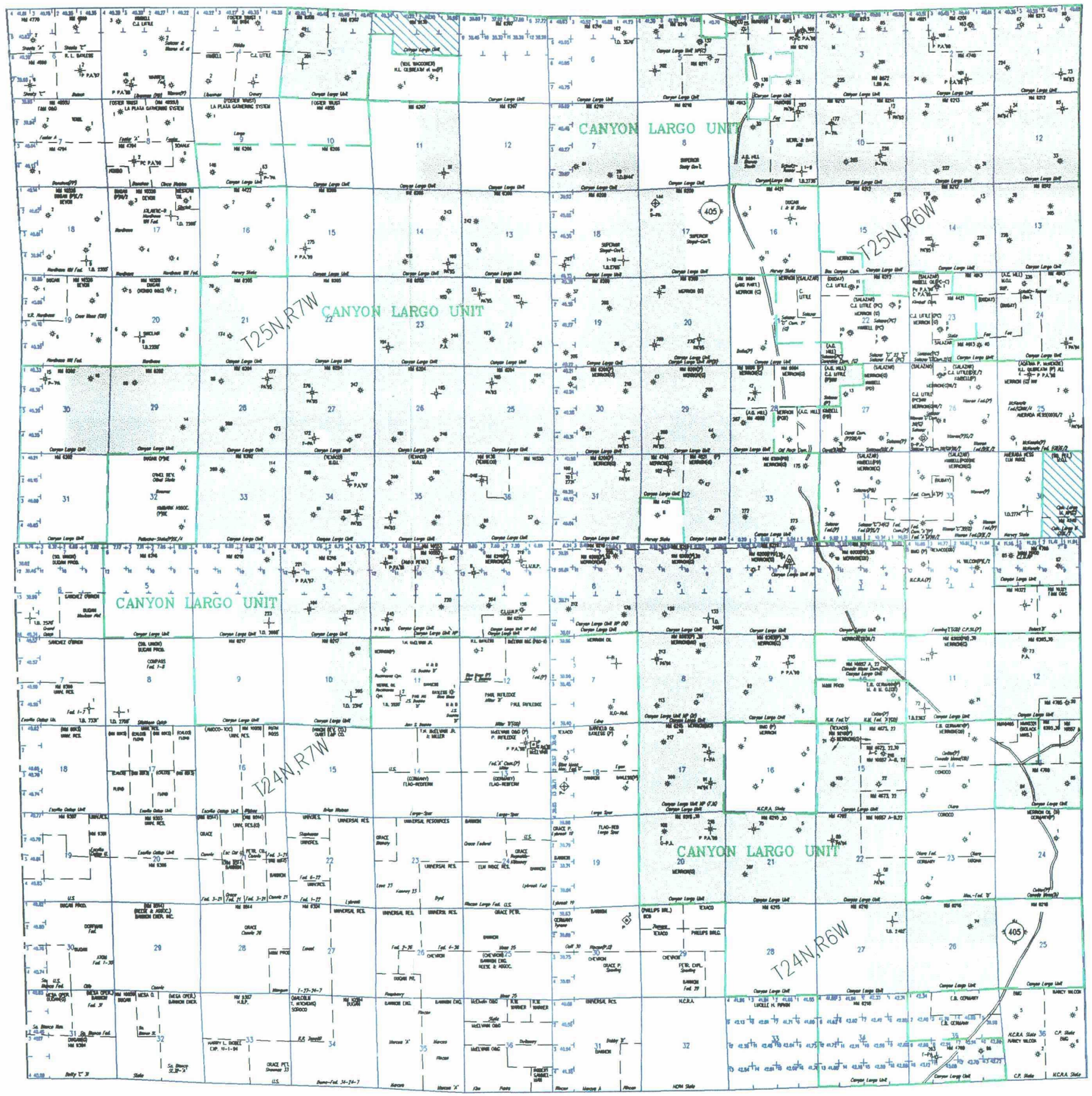
Well: CANYON LARGO UNIT #127 Last Info: 11/03/1997
Ftg: 1750 fnl 890 fwl
Lat-Long by TDG: 36.329681 - 107.496994
Oper Address: PO Box 840, Farmington NM 87499 - 505/327-9801
Obj: Mesaverde Permit #: 01/08/1992 API: 30-039-0558700
Elev: 6757DF

Spud:
TD: 4590

Notes :

Logs : cased hole: Petro GR Ind
Tubing: 2 3/8 @ 4561
Perfs : 4532-4544 (Point Lookout)
w/2 SPF - acid w/250 gal 15% HCl - frac w/639 bbl gel oil 39,900#
20/40 sd
PZone : 4532-4544 (Point Lookout)
IP : (Point Lookout 4532-4544) P 2 BOPD grav 39; 8 MCFGPD; 2 BWPD; FTP 45
Journl: 2/3/92 WOPT.
9/11/92 operations suspended.
2/23/93 recompleted oil well.


R7W
R6W
T 25 N
T 24 N
CANYON LARGO UNIT
T25N,R7W
T25N,R6W
T24N,R7W
T24N,R6W
FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA
BURLINGTON RESOURCES
CANYON LARGO UNIT
GALLUP PARTICIPATING AREA 25th Expansion Effective 4/1/85
OIL AND GAS OWNED BY STATE OF NEW MEXICO
GALLUP PARTICIPATING AREA 26th Expansion Proposed 2/1/96
February 11, 2000



FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA

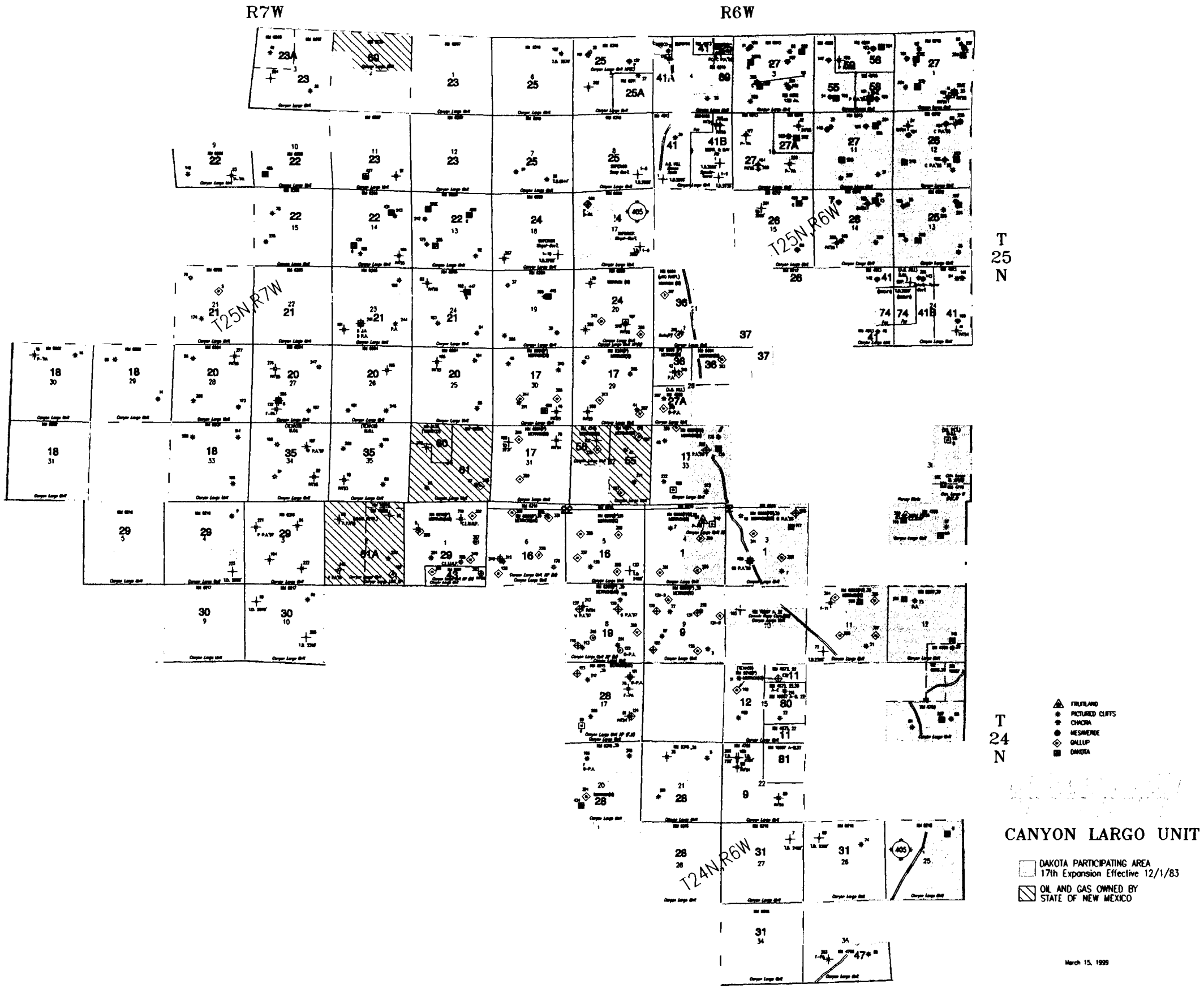
BURLINGTON RESOURCES

CANYON LARGO UNIT

PICTURED CLIFFS PARTICIPATING AREA
47th Expansion Effective 3/01/94

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

February 11, 2000



CANYON LARGO UNIT

DAKOTA PARTICIPATING AREA
17th Expansion Effective 12/1/83

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

March 15, 1999

FILE

BURLINGTON RESOURCES

SAN JUAN DIVISION

DEC 31

December 30, 1998

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

State of New Mexico (2)
Oil Conservation Division
Energy & Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
Pictured Cliffs Participating Area
47th Expansion, effective 3/01/94

Gentlemen:

Pursuant to Section 11(a) of the Unit Agreement for the referenced Unit, approved September 18, 1953, Burlington Resources Oil & Gas Company, as Unit Operator, has determined that the following well is capable of producing unitized substances in paying quantities from the Pictured Cliffs formation and thereby should be admitted to the Pictured Cliffs Participating Area. Pursuant to a BLM letter, the Canyon Largo Unit #144 well has been deemed commercial and is being added into the 47th expansion as follows:

Forty-seventh Expansion - Effective 03/01/1994

Well Name	Tract/Acres	Tr. Description	Comp. Date
Canyon Largo Unit #144	Tr.#024/320 acres	W/2 Sec.17-T25N-R6W	2/17/94

The Expansion Schedule for the 47th Participating Area is enclosed. The schedule describes the Participating Area and shows the percentage of unitized substances allocated to the Tracts according to the ownership within the Tracts.

We would appreciate a review and approval of this Expansion as soon as possible. Please contact the undersigned at (505) 326-9860 if there are any questions regarding this matter. Copies of this letter are being furnished to the Working Interest Owners on the attached list.

Very truly yours,

Marian L. Wimsatt

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:mw
Canyon Largo Unit, 4.1
cc: James Strickler

3535 East 30th St., 87402-8801. P.O. Box 4289, Farmington, New Mexico 87499-4289. Telephone 505-326-9700, Fax 505-326-9833

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

IN REPLY REFER TO:
Canyon Largo Unit PC PA
3180 (07400)

October 26, 1998

Ms. Marian L. Wimsatt
Burlington Resources Oil and Gas Co.
P.O. Box 4289
Farmington, NM 87499-4289

Dear Ms. Wimsatt:

We have reviewed the data you submitted for the paying well determinations for two wells in the Canyon Largo Unit. We have completed our review of the following Pictured Cliffs Wells:

Well	Location	Lease	Completion Date	BLM Determination
No. 275 CLU	NwSe 15-25N-7W	NMSF-078880	9/15/77	Non-paying
No. 144 CLU	NwNw 17-25N-6W	NMSF-078882	2/17/94	Paying

Well No. 275 CLU will continue to be reported on a lease basis. Upon receipt and approval of a revision to the Canyon Largo Unit Pictured Cliffs Participating Area (PA), Well No. 144 CLU will be reported under the PA. Until such time as a PA revision is approved, continue to report this well under the lease.

If you have any questions concerning this matter, please call Duane Spencer at (505) 599-6350.

Sincerely,

Duane W. Spencer
Team Lead, Petroleum Management

cc:
NM State Land Office, Santa Fe, NM
Attn: Pete Martinez

BURLINGTON RESOURCES O&G CO
THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA
RIO ARRIBA, NEW MEXICO
EFFECTIVE 03/01/1994

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078598	T-024N R-006W	480.00		TRACT: 009			1.299620
	---		ORRI:		0.000000	5.000000	---
	SEC. 022 W/2, SE/4		ROYALTY:		0.000000	12.500000	
	(480.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	82.500000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078628	T-024N R-006W	160.00		TRACT: 011			0.433207
	---		ORRI:		0.000000	9.593750	---
	SEC. 015 N/2 NE/4, S/2 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			GMGF OIL ACCT 3153		1.718749	1.503905	
			DUGAN PRODUCTION COR		13.750000	12.031250	
			MCANALLY MARCIA PAU		6.875000	6.015625	
			BR OIL & GAS CO		77.656251	58.355470	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078628-A	T-024N R-006W	320.00		TRACT: 012			0.866413
	---		ORRI:		0.000000	2.500000	---
	SEC. 015 W/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			FOUR STAR OIL & GAS		100.000000	85.000000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078874	T-024N R-006W	2559.04		TRACT: 016			6.928708
	---		ORRI:		0.000000	8.750000	---
	SEC. 003 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	LOT 5 (40.000000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 6 (40.000000 acres)				---	---	
	LOT 7 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 004 S/2						
	(320.00 acres)						
	LOT 5 (40.000000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 005 S/2						
	(320.00 acres)						
	LOT 5 (40.000000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 006 E/2 SW/4, SE/4						
	(240.00 acres)						
	LOT 5 (39.910000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (39.810000 acres)						
	LOT 13 (39.710000 acres)						
	LOT 14 (39.610000 acres)						
SF-078875	T-025N R-006W	2561.68		TRACT: 017			6.935856
	----------		ORRI:		0.000000	8.750000	----------

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 029 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 030 E/2 W/2, E/2		BR OIL & GAS CO		100.000000	78.750000	
	(480.00 acres)				---------	---------	
	LOT 1 (40.210000 acres)		TOTAL		100.000000	100.000000	
	LOT 2 (40.240000 acres)						
	LOT 3 (40.280000 acres)						
	LOT 4 (40.310000 acres)						
	SEC. 031 E/2 W/2, E/2						
	(480.00 acres)						
	LOT 1 (40.280000 acres)						
	LOT 2 (40.200000 acres)						
	LOT 3 (40.120000 acres)						
	LOT 4 (40.040000 acres)						
	SEC. 033 ALL						
	(640.00 acres)						
SF-078876	T-025N R-007W	1600.00		TRACT: 018			4.332067
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 029 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 030 E/2		BR OIL & GAS CO		100.000000	78.750000	
	(320.00 acres)				---------	---------	
	SEC. 033 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
SF-078877	T-024N R-006W	640.00		TRACT: 019			1.732827
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 012 N/2, SW/4, N/2 SE/4		ROYALTY:		0.000000	12.500000	
	(560.00 acres)		WORKING INTEREST:				
	SEC. 013 W/2 NE/4		BR OIL & GAS CO		100.000000	78.750000	
	(80.00 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-078877	T-024N R-006W	1600.00		TRACT: 019A			4.332067
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 008 ALL		ROYALTY:		0.000000	12.500000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	(640.00 acres)		WORKING INTEREST:				
	SEC. 009 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---------	---------	
	SEC. 011 E/2		TOTAL		100.000000	100.000000	
	(320.00 acres)						
SF-078878	T-025N R-007W	2520.00		TRACT: 020			6.823005
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 025 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 026 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---------	---------	
	SEC. 027 N/2, SE/4, N/2 SW/4, SW/4 SW/		TOTAL		100.000000	100.000000	
	(600.00 acres)						
	SEC. 028 ALL						
	(640.00 acres)						
SF-078879	T-025N R-007W	1600.00		TRACT: 021			4.332067
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 021 W/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	SEC. 023 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---------	---------	
	SEC. 024 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
SF-078880	T-025N R-007W	1280.00		TRACT: 022			3.465653
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 013 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 014 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-078881	T-025N R-007W	800.80		TRACT: 023			2.168199
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 003 S/2 NE/4, S/2		ROYALTY:		0.000000	12.500000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	(400.00 acres)		WORKING INTEREST:				
	LOT 1 (40.400000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 2 (40.400000 acres)				---------	---------	
	SEC. 011 E/2		TOTAL		100.000000	100.000000	
	(320.00 acres)						
SF-078881-A	T-025N R-007W	160.80		TRACT: 023A			0.435373
	---		ORRI:		0.000000	8.750000	---------
	SEC. 003 S/2 NW/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
	LOT 3 (40.400000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 4 (40.400000 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-078882	T-025N R-006W	2241.72		TRACT: 024			6.069551
	---		ORRI:		0.000000	8.750000	---------
	SEC. 017 W/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	SEC. 018 E/2 W/2, E/2		BR OIL & GAS CO		100.000000	78.750000	
	(480.00 acres)				---------	---------	
	LOT 1 (39.930000 acres)		TOTAL		100.000000	100.000000	
	LOT 2 (40.060000 acres)						
	LOT 3 (40.200000 acres)						
	LOT 4 (40.330000 acres)						
	SEC. 019 E/2 W/2, E/2						
	(480.00 acres)						
	LOT 1 (40.380000 acres)						
	LOT 2 (40.330000 acres)						
	LOT 3 (40.270000 acres)						
	LOT 4 (40.220000 acres)						
	SEC. 020 ALL						
	(640.00 acres)						
SF-078883	T-025N R-006W	1125.34		TRACT: 025			3.046905
	---		ORRI:		0.000000	8.750000	---------
	SEC. 004 (1125.34 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (40.720000 acres)		WORKING INTEREST:				

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 005 S/2 N/2, SW/4		BR OIL & GAS CO		100.000000	78.750000	
	(320.00 acres)				---------	---------	
	LOT 2 (40.900000 acres)		TOTAL		100.000000	100.000000	
	LOT 3 (41.100000 acres)						
	LOT 4 (41.300000 acres)						
	SEC. 007 ALL						
	(641.00 acres)						
SF-078883-A	T-025N R-006W	160.00		TRACT: 025A			0.433207
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 005 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---------	---------	
			TOTAL		100.000000	100.000000	
SF-078884	T-025N R-006W	2320.00		TRACT: 026			6.281497
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 012 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 013 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---------	---------	
	SEC. 014 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
	SEC. 015 E/2						
	(320.00 acres)						
	SEC. 022 N/2 NE/4						
	(80.00 acres)						
SF-078885	T-025N R-006W	2403.32		TRACT: 027			6.507089
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 001 S/2 N/2, S/2		ROYALTY:		0.000000	12.500000	
	(480.00 acres)		WORKING INTEREST:				
	LOT 1 (40.050000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 2 (40.150000 acres)				---------	---------	
	LOT 3 (40.250000 acres)		TOTAL		100.000000	100.000000	
	LOT 4 (40.350000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 003 S/2 N/2, S/2						
	(480.00 acres)						
	LOT 1 (40.550000 acres)						
	LOT 2 (40.600000 acres)						
	LOT 3 (40.660000 acres)						
	LOT 4 (40.710000 acres)						
	SEC. 010 S/2, NW/4						
	(480.00 acres)						
	SEC. 011 ALL						
	(640.00 acres)						
SF-078885-A	T-025N R-006W	160.00		TRACT: 027A			0.433207
	---		ORRI:		0.000000	8.750000	---
	SEC. 010 NE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078886	T-024N R-006W	1920.00		TRACT: 028			5.198480
	---		ORRI:		0.000000	8.750000	---
	SEC. 017 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 020 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---	---	
	SEC. 021 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
SF-078922	T-024N R-007W	1000.58		TRACT: 029			2.709112
	---		ORRI:		0.000000	8.750000	---
	SEC. 003 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	LOT 1 (6.730000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 2 (6.730000 acres)				---	---	
	LOT 3 (6.750000 acres)		TOTAL		100.000000	100.000000	
	LOT 4 (6.750000 acres)						
	LOT 5 (40.000000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 004 SE/4						
	(160.00 acres)						
	LOT 1 (6.790000 acres)						
	LOT 2 (6.830000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
SF-078922	T-024N R-007W	295.60		TRACT: 029A			0.800349
	----------		ORRI:		0.000000	8.750000	----------
	SEC. 001 N/2 SW/4, SW/4 SW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
	LOT 3 (7.600000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 4 (8.000000 acres)				---------	---------	
	LOT 5 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 6 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
SF-078923	T-024N R-007W	320.00		TRACT: 030			0.866413
	----------		ORRI:		0.000000	8.750000	----------
	SEC. 010 E/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---------	---------	
			TOTAL		100.000000	100.000000	
SF-078925	T-024N R-006W	960.00		TRACT: 031			2.599240
	----------		ORRI:		0.000000	8.750000	----------

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 026 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 027 E/2		BR OIL & GAS CO		100.000000	78.750000	
	(320.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
SF-078957	T-024N R-006W	149.15		TRACT: 032			0.403830
	---		ORRI:		0.000000	8.750000	---
	SEC. 003 (149.15 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (10.510000 acres)		WORKING INTEREST:				
	LOT 2 (10.340000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 3 (10.160000 acres)				---	---	
	LOT 4 (9.990000 acres)		TOTAL		100.000000	100.000000	
	SEC. 004 (149.15 acres)						
	LOT 1 (9.810000 acres)						
	LOT 2 (9.640000 acres)						
	LOT 3 (9.460000 acres)						
	LOT 4 (9.290000 acres)						
	SEC. 005 (149.15 acres)						
	LOT 1 (8.990000 acres)						
	LOT 2 (8.960000 acres)						
	LOT 3 (8.940000 acres)						
	LOT 4 (8.910000 acres)						
	SEC. 006 (149.15 acres)						
	LOT 1 (8.810000 acres)						
	LOT 2 (8.640000 acres)						
	LOT 3 (8.460000 acres)						
	LOT 4 (8.240000 acres)						
SF-078987	T-025N R-007W	1280.00		TRACT: 035			3.465653
	---		ORRI:		0.000000	0.000000	---
	SEC. 034 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 035 ALL		FOUR STAR OIL & GAS		100.000000	87.500000	
	(640.00 acres)				---	---	
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-079071-B	T-025N R-006W	160.00		TRACT: 036			0.433207
	---		ORRI:		0.000000	10.937500	---
	SEC. 028 NW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			CONOCO INC		1.861494	1.425206	
			DUGAN PRODUCTION COR		9.249617	7.081739	
			MINEL INC		66.666668	51.041667	
			CINCO GEN PARTNERSHP		9.724443	7.445276	
			BR OIL & GAS CO		12.497778	9.568612	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	40.00		TRACT: 037			0.108302
	---		ORRI:		0.000000	12.500000	---
	SEC. 022 SW/4 SW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	75.000000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	160.00		TRACT: 037A			0.433207
	---		ORRI:		0.000000	18.500000	---
	SEC. 028 SW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	69.000000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	120.00		TRACT: 037B			0.324905
	---		ORRI:		0.000000	18.500000	---
	SEC. 027 N/2 NW/4, SW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
			ELLEDGE JOE F		10.000000	6.900000	
			LITTLE SYLVIA F TR		90.000000	62.100000	
					---	---	
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-079086	T-024N R-006W	560.00		TRACT: 038			0.000000
	---		ORRI:		0.000000	5.000000	---
	SEC. 010 S/2, N/2 N/2		ROYALTY:		0.000000	12.500000	
	(480.00 acres)		WORKING INTEREST:				
	SEC. 035 S/2 NE/4		UNKNOWN-NM		100.000000	82.500000	
	(80.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
ELIMINATED	T-024N R-006W	40.00		TRACT: 038A			0.000000
	---		ORRI:		0.000000	5.000000	---
	SEC. 013 NW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	82.500000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079177	T-025N R-006W	800.69		TRACT: 041			2.167902
	---		ORRI:		0.000000	17.500000	---
	SEC. 004 (800.69 acres)		ROYALTY:		0.000000	12.500000	
	LOT 2 (40.690000 acres)		WORKING INTEREST:				
	SEC. 009 SW/4, S/2 NW/4, NW/4 NW/4		BR OIL & GAS CO		100.000000	70.000000	
	(280.00 acres)				---	---	
	SEC. 023 N/2 NE/4, S/2 SE/4		TOTAL		100.000000	100.000000	
	(160.00 acres)						
	SEC. 024 E/2						
	(320.00 acres)						
NM-019400	T-025N R-006W	160.62		TRACT: 041A			0.434885
	---		ORRI:		0.000000	0.000000	---
	SEC. 004 SW/4 NW/4, W/2 SW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
	LOT 4 (40.620000 acres)		DUGAN PRODUCTION COR		100.000000	87.500000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079177	T-025N R-006W	400.00		TRACT: 041B			1.083017
	---		ORRI:		0.000000	5.000000	---

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 009 E/2 NE/4, N/2 SE/4, SW/4 SE/4		ROYALTY:		0.000000	12.500000	
	(200.00 acres)		WORKING INTEREST:				
	SEC. 024 E/2 W/2, SW/4 SW/4		BR OIL & GAS CO		100.000000	82.500000	
	(200.00 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-079177	T-025N R-006W	40.00		TRACT: 041C			0.108302
	----------		ORRI:		0.000000	17.500000	---------
	SEC. 009 SW/4 NE/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	70.000000	
					---------	---------	
			TOTAL		100.000000	100.000000	
SF-079915	T-024N R-007W	40.00		TRACT: 043			0.108302
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 001 SE/4 SW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---------	---------	
			TOTAL		100.000000	100.000000	
ELIMINATED	T-025N R-006W	240.00		TRACT: 044			0.000000
	----------		ORRI:		0.000000	0.000000	---------
	SEC. 022 S/2 NE/4, E/2 SW/4, NW/4 SW/4		ROYALTY:		0.000000	12.500000	
	(200.00 acres)		WORKING INTEREST:				
	SEC. 027 SE/4 NW/4		UNKNOWN-NM		100.000000	87.500000	
	(40.00 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-080594	T-024N R-006W	365.40		TRACT: 046			0.989336
	----------		ORRI:		0.000000	0.000000	---------
	SEC. 001 (365.40 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (11.540000 acres)		WORKING INTEREST:				
	LOT 2 (11.410000 acres)		BOLACK MINERALS		50.000000	43.750000	
	LOT 3 (11.290000 acres)		BR OIL & GAS CO		50.000000	43.750000	
	LOT 4 (11.160000 acres)				---------	---------	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	LOT 5 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
SF-080594-A	T-024N R-006W	320.00		TRACT: 046A			0.000000
	----------		ORRI:		0.000000	0.000000	---------
	SEC. 001 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---------	---------	
			TOTAL		100.000000	100.000000	
SF-080594-B	T-024N R-006W	120.00		TRACT: 046B			0.000000
	----------		ORRI:		0.000000	0.000000	---------
	SEC. 013 S/2 NW/4, NE/4 NW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---------	---------	
			TOTAL		100.000000	100.000000	
SF-080594	T-024N R-006W	160.00		TRACT: 046C			0.433207
	----------		ORRI:		0.000000	0.000000	---------
	SEC. 013 SW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BOLACK MINERALS		50.000000	43.750000	
			BR OIL & GAS CO		50.000000	43.750000	
					---------	---------	
			TOTAL		100.000000	100.000000	
SF-080594	T-024N R-006W	160.00		TRACT: 046D			0.433207
	----------		ORRI:		0.000000	0.000000	---------
	SEC. 013 SE/4		ROYALTY:		0.000000	12.500000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	(160.00 acres)		WORKING INTEREST:				
			BOLACK MINERALS		50.000000	43.750000	
			BR OIL & GAS CO		50.000000	43.750000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-081325	T-024N R-006W	160.00		TRACT: 047			0.433207
	---		ORRI:		0.000000	0.000000	---
	SEC. 035 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BOLACK MINERALS		50.000000	43.750000	
			BR OIL & GAS CO		50.000000	43.750000	
					---	---	
			TOTAL		100.000000	100.000000	
E-291-52	T-025N R-006W	560.51		TRACT: 055			1.517604
	---		ORRI:		0.000000	0.000000	---
	SEC. 002 SW/4, SW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(200.00 acres)		WORKING INTEREST:				
	LOT 4 (40.510000 acres)		WISER OIL COMPANY		50.000000	43.750000	
	SEC. 032 E/2		BR OIL & GAS CO		50.000000	43.750000	
	(320.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
E-291-50	T-025N R-006W	160.00		TRACT: 056			0.433207
	---		ORRI:		0.000000	12.500000	---
	SEC. 002 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	75.000000	
					---	---	
			TOTAL		100.000000	100.000000	
E-291-50	T-025N R-006W	160.00		TRACT: 056A			0.433207
	---		ORRI:		0.000000	12.500000	---
	SEC. 032 NW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	75.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
					---	---	
			TOTAL		100.000000	100.000000	
E-291-36	T-025N R-006W	240.00		TRACT: 057			0.000000
	---		ORRI:		0.000000	8.750000	---
	SEC. 023 SW/4 NE/4, NW/4 SE/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
	SEC. 032 SW/4		BR OIL & GAS CO		100.000000	78.750000	
	(160.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
E-291-49	T-025N R-006W	160.85		TRACT: 058			0.435508
	---		ORRI:		0.000000	18.200000	---
	SEC. 002 S/2 NE/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
	LOT 1 (40.410000 acres)		BR OIL & GAS CO		100.000000	69.300000	
	LOT 2 (40.440000 acres)				---	---	
			TOTAL		100.000000	100.000000	
E-291-49	T-025N R-006W	80.48		TRACT: 059			0.217903
	---		ORRI:		0.000000	14.000000	---
	SEC. 002 SE/4 NW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
	LOT 3 (40.480000 acres)		BR OIL & GAS CO		100.000000	73.500000	
					---	---	
			TOTAL		100.000000	100.000000	
E-505-11	T-025N R-007W	120.00		TRACT: 060			0.324905
	---		ORRI:		0.000000	2.000000	---
	SEC. 036 N/2 NW/4, SE/4 NW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
			CONOCO INC		42.272628	36.143097	
			DUGAN PRODUCTION COR		53.581805	45.812443	
			BR OIL & GAS CO		4.145567	3.544460	
					---	---	
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-809-22	T-025N R-007W	520.00		TRACT: 061			1.407922
	---		ORRI:		0.000000	5.000000	---
	SEC. 036 S/2, NE/4, SW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(520.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	82.500000	
					---	---	
			TOTAL		100.000000	100.000000	
E-809-17	T-024N R-007W	640.00		TRACT: 061A			1.732827
	---		ORRI:		0.000000	0.000000	---
	SEC. 002 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	LOT 5 (40.000000 acres)		DUGAN PRODUCTION COR		100.000000	87.500000	
	LOT 6 (40.000000 acres)				---	---	
	LOT 7 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
E-1207-1	T-024N R-006W	80.00		TRACT: 062			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 035 N/2 NE/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---	---	
			TOTAL		100.000000	100.000000	
E-5615	T-024N R-007W	26.64		TRACT: 065			0.072129
	---		ORRI:		0.000000	0.000000	---
	SEC. 002 (26.64 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (6.620000 acres)		WORKING INTEREST:				
	LOT 2 (6.640000 acres)		DUGAN PRODUCTION COR		100.000000	87.500000	
	LOT 3 (6.680000 acres)				---	---	
	LOT 4 (6.700000 acres)		TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
ROBERT TRUB	T-025N R-006W	320.65		TRACT: 069			0.868173
	---		ORRI:		0.000000	5.000000	---
	SEC. 004 SE/4 NW/4, S/2 NE/4, E/2 SE/4,		ROYALTY:		0.000000	0.000000	
	SW/4 SE/4		WORKING INTEREST:				
	(240.00 acres)		FOUR STAR OIL & GAS		100.000000	95.000000	
	LOT 3 (40.650000 acres)				---	---	
	SEC. 009 NW/4 NE/4		TOTAL		100.000000	100.000000	
	(40.00 acres)						
FEE	T-025N R-006W	160.00		TRACT: 070			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 004 NW/4 SE/4, E/2 SW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
	SEC. 009 NE/4 NW/4		UNKNOWN-NM		100.000000	87.500000	
	(40.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
FEE	T-025N R-006W	40.70		TRACT: 071			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 005 (40.70 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (40.700000 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION & BA	T-025N R-006W	160.00		TRACT: 074			0.433207
	---		ORRI:		0.000000	0.000000	---
	SEC. 023 SE/4 NE/4, NE/4 SE/4		ROYALTY:		0.000000	0.000000	
	(80.00 acres)		WORKING INTEREST:				
	SEC. 024 SW/4 NW/4, NW/4 SW/4		HARVEY LORNA R		12.500000	12.500000	
	(80.00 acres)		BALBACH IRIS V		12.500000	12.500000	
			BR OIL & GAS CO		75.000000	75.000000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, ET A	T-024N R-006W	160.00		TRACT: 078			0.433207
	---		ORRI:		0.000000	0.000000	---

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 010 S/2 N/2		ROYALTY:		0.000000	0.000000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	100.000000	
					---	---	
			TOTAL		100.000000	100.000000	
BROGAN, GEO	T-024N R-006W	80.00		TRACT: 079			0.216603
	---		ORRI:		0.000000	0.000000	---
	SEC. 012 S/2 SE/4		ROYALTY:		0.000000	0.000000	
	(80.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	100.000000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, ET A	T-024N R-006W	80.00		TRACT: 079A			0.216603
	---		ORRI:		0.000000	0.000000	---
	SEC. 013 E/2 NE/4		ROYALTY:		0.000000	0.000000	
	(80.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	100.000000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, E W	T-024N R-006W	160.00		TRACT: 080			0.433207
	---		ORRI:		0.000000	15.718752	---
	SEC. 015 S/2 NE/4, N/2 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	71.781248	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, ET A	T-024N R-006W	160.00		TRACT: 081			0.433207
	---		ORRI:		0.000000	0.000000	---
	SEC. 022 NE/4		ROYALTY:		0.000000	0.000000	
	(160.00 acres)		WORKING INTEREST:				
			HARVEY LORNA R		12.500000	12.500000	
			BALBACH IRIS V		12.500000	12.500000	
			BR OIL & GAS CO		75.000000	75.000000	

BURLINGTON RESOURCES O&G CO
THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA
RIO ARRIBA, NEW MEXICO
EFFECTIVE 03/01/1994

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
					---	---	
			TOTAL		100.000000	100.000000	

BURLINGTON RESOURCES O&G CO

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 006W
- LOT: 1 (11.540000 acres)
- LOT: 2 (11.410000 acres)
- LOT: 3 (11.290000 acres)
- LOT: 4 (11.160000 acres)
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)

SEC. 003 S/2
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)
- LOT: 1 (10.510000 acres)
- LOT: 2 (10.340000 acres)
- LOT: 3 (10.160000 acres)
- LOT: 4 (9.990000 acres)

SEC. 004 S/2
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)
- LOT: 1 (9.810000 acres)
- LOT: 2 (9.640000 acres)
- LOT: 3 (9.460000 acres)
- LOT: 4 (9.290000 acres)

SEC. 005 S/2
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 006W

SEC. 001 S/2
SEC. 010 S/2, N/2 N/2
SEC. 013 NW/4 NW/4
SEC. 013 S/2 NW/4, NE/4 NW/4
SEC. 035 N/2 NE/4
SEC. 035 S/2 NE/4

TOWNSHIP 025N, RANGE 006W

SEC. 004 NW/4 SE/4, E/2 SW/4
- LOT: 1 (40.700000 acres)

SEC. 009 NE/4 NW/4
SEC. 022 S/2 NE/4, E/2 SW/4, NW/4 SW/4
SEC. 023 SW/4 NE/4, NW/4 SE/4
SEC. 027 SE/4 NW/4
SEC. 032 SW/4

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
LOT: 1 (8.990000 acres)
LOT: 2 (8.960000 acres)
LOT: 3 (8.940000 acres)
LOT: 4 (8.910000 acres)
LOT: 1 (8.810000 acres)
LOT: 2 (8.640000 acres)
LOT: 3 (8.460000 acres)
LOT: 4 (8.240000 acres)
SEC. 006 E/2 SW/4, SE/4
LOT: 5 (39.910000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (39.810000 acres)
LOT: 13 (39.710000 acres)
LOT: 14 (39.610000 acres)
SEC. 008 ALL
SEC. 009 ALL
SEC. 010 S/2 N/2
SEC. 011 E/2
SEC. 012 N/2, SW/4, N/2 SE/4
SEC. 012 S/2 SE/4
SEC. 013 SW/4
SEC. 013 SE/4
SEC. 013 E/2 NE/4
SEC. 013 W/2 NE/4
SEC. 015 N/2 NE/4, S/2 SE/4
SEC. 015 W/2
SEC. 015 S/2 NE/4, N/2 SE/4
SEC. 017 ALL
SEC. 020 ALL
SEC. 021 ALL
SEC. 022 W/2, SE/4
SEC. 022 NE/4
SEC. 026 ALL
SEC. 027 E/2
SEC. 035 SE/4

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 007W
SEC. 001 N/2 SW/4, SW/4 SW/4
LOT: 3 (7.600000 acres)
LOT: 4 (8.000000 acres)
LOT: 5 (40.000000 acres)
LOT: 6 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
SEC. 001 SE/4 SW/4
SEC. 002 S/2
LOT: 5 (40.000000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
LOT: 1 (6.620000 acres)
LOT: 2 (6.640000 acres)
LOT: 3 (6.680000 acres)
LOT: 4 (6.700000 acres)
SEC. 003 S/2
LOT: 1 (6.730000 acres)
LOT: 2 (6.730000 acres)
LOT: 3 (6.750000 acres)
LOT: 4 (6.750000 acres)
LOT: 5 (40.000000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
SEC. 004 SE/4
LOT: 1 (6.790000 acres)
LOT: 2 (6.830000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
SEC. 010 E/2
TOWNSHIP 025N, RANGE 006W

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SEC. 001 S/2 N/2, S/2
LOT: 1 (40.050000 acres)
LOT: 2 (40.150000 acres)
LOT: 3 (40.250000 acres)
LOT: 4 (40.350000 acres)
SEC. 002 SW/4, SW/4 NW/4
LOT: 4 (40.510000 acres)
SEC. 002 SE/4
SEC. 002 S/2 NE/4
LOT: 1 (40.410000 acres)
LOT: 2 (40.440000 acres)
SEC. 002 SE/4 NW/4
LOT: 3 (40.480000 acres)
SEC. 003 S/2 N/2, S/2
LOT: 1 (40.550000 acres)
LOT: 2 (40.600000 acres)
LOT: 3 (40.660000 acres)
LOT: 4 (40.710000 acres)
LOT: 2 (40.690000 acres)
SEC. 004 SW/4 NW/4, W/2 SW/4
LOT: 4 (40.620000 acres)
SEC. 004 SE/4 NW/4, S/2 NE/4, E/2 SE/4, SW/4 SE/4
LOT: 3 (40.650000 acres)
LOT: 1 (40.720000 acres)
SEC. 005 S/2 N/2, SW/4
LOT: 2 (40.900000 acres)
LOT: 3 (41.100000 acres)
LOT: 4 (41.300000 acres)
SEC. 005 SE/4
SEC. 007 ALL
SEC. 009 E/2 NE/4, N/2 SE/4, SW/4 SE/4
SEC. 009 SW/4 NE/4
SEC. 009 SW/4, S/2 NW/4, NW/4 NW/4
SEC. 009 NW/4 NE/4
SEC. 010 NE/4
SEC. 010 S/2, NW/4
SEC. 011 ALL
SEC. 012 ALL
SEC. 013 ALL
SEC. 014 ALL
SEC. 015 E/2
SEC. 017 W/2
SEC. 018 E/2 W/2, E/2
LOT: 1 (39.930000 acres)

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

LOT: 2 (40.060000 acres)
LOT: 3 (40.200000 acres)
LOT: 4 (40.330000 acres)
SEC. 019 E/2 W/2, E/2
LOT: 1 (40.380000 acres)
LOT: 2 (40.330000 acres)
LOT: 3 (40.270000 acres)
LOT: 4 (40.220000 acres)
SEC. 020 ALL
SEC. 022 SW/4 SW/4
SEC. 022 N/2 NE/4
SEC. 023 SE/4 NE/4, NE/4 SE/4
SEC. 023 N/2 NE/4, S/2 SE/4
SEC. 024 E/2 W/2, SW/4 SW/4
SEC. 024 SW/4 NW/4, NW/4 SW/4
SEC. 024 E/2
SEC. 027 N/2 NW/4, SW/4 NW/4
SEC. 028 NW/4
SEC. 028 SW/4
SEC. 029 ALL
SEC. 030 E/2 W/2, E/2
LOT: 1 (40.210000 acres)
LOT: 2 (40.240000 acres)
LOT: 3 (40.280000 acres)
LOT: 4 (40.310000 acres)
SEC. 031 E/2 W/2, E/2
LOT: 1 (40.280000 acres)
LOT: 2 (40.200000 acres)
LOT: 3 (40.120000 acres)
LOT: 4 (40.040000 acres)
SEC. 032 NW/4
SEC. 032 E/2
SEC. 033 ALL
TOWNSHIP 025N, RANGE 007W
SEC. 003 S/2 NE/4, S/2
LOT: 1 (40.400000 acres)
LOT: 2 (40.400000 acres)
SEC. 003 S/2 NW/4
LOT: 3 (40.400000 acres)
LOT: 4 (40.400000 acres)
SEC. 011 E/2
SEC. 013 ALL
SEC. 014 ALL
SEC. 021 W/2

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SEC. 023 ALL
SEC. 024 ALL
SEC. 025 ALL
SEC. 026 ALL
SEC. 027 N/2, SE/4, N/2 SW/4, SW/4 SW/4
SEC. 028 ALL
SEC. 029 ALL
SEC. 030 E/2
SEC. 033 ALL
SEC. 034 ALL
SEC. 035 ALL
SEC. 036 N/2 NW/4, SE/4 NW/4
SEC. 036 S/2, NE/4, SW/4 NW/4

TOTAL ACRES COMMITTED: 36933.87

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 1800.70

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 38734.57

EFFECTIVE DATE: 03/01/94

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

IN REPLY REFER TO:
Canyon Largo Unit PC PA
3180 (07400)

October 26, 1998

Ms. Marian L. Wimsatt
Burlington Resources Oil and Gas Co.
P.O. Box 4289
Farmington, NM 87499-4289

Dear Ms. Wimsatt:

We have reviewed the data you submitted for the paying well determinations for two wells in the Canyon Largo Unit. We have completed our review of the following Pictured Cliffs Wells:

Well	Location	Lease	Completion Date	BLM Determination
No. 275 CLU	NwSe 15-25N-7W	NMSF-078880	9/15/77	Non-paying
No. 144 CLU	NwNw 17-25N-6W	NMSF-078882	2/17/94	Paying

Well No. 275 CLU will continue to be reported on a lease basis. Upon receipt and approval of a revision to the Canyon Largo Unit Pictured Cliffs Participating Area (PA), Well No. 144 CLU will be reported under the PA. Until such time as a PA revision is approved, continue to report this well under the lease.

If you have any questions concerning this matter, please call Duane Spencer at (505) 599-6350.

Sincerely,

Duane W. Spencer
Team Lead, Petroleum Management

cc:
NM State Land Office, Santa Fe, NM
Attn: Pete Martinez

BURLINGTON RESOURCES O&G CO
THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA
RIO ARRIBA, NEW MEXICO
EFFECTIVE 03/01/1994

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-078598	T-024N R-006W	480.00		TRACT: 009			1.299620
	---		ORRI:		0.000000	5.000000	---
	SEC. 022 W/2, SE/4		ROYALTY:		0.000000	12.500000	
	(480.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	82.500000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078628	T-024N R-006W	160.00		TRACT: 011			0.433207
	---		ORRI:		0.000000	9.593750	---
	SEC. 015 N/2 NE/4, S/2 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			GMGF OIL ACCT 3153		1.718749	1.503905	
			DUGAN PRODUCTION COR		13.750000	12.031250	
			MCANALLY MARCIA PAU		6.875000	6.015625	
			BR OIL & GAS CO		77.656251	58.355470	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078628-A	T-024N R-006W	320.00		TRACT: 012			0.866413
	---		ORRI:		0.000000	2.500000	---
	SEC. 015 W/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			FOUR STAR OIL & GAS		100.000000	85.000000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078874	T-024N R-006W	2559.04		TRACT: 016			6.928708
	---		ORRI:		0.000000	8.750000	---
	SEC. 003 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	LOT 5 (40.000000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 6 (40.000000 acres)				---	---	
	LOT 7 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 004 S/2						
	(320.00 acres)						
	LOT 5 (40.000000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 005 S/2						
	(320.00 acres)						
	LOT 5 (40.000000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 006 E/2 SW/4, SE/4						
	(240.00 acres)						
	LOT 5 (39.910000 acres)						
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (39.810000 acres)						
	LOT 13 (39.710000 acres)						
	LOT 14 (39.610000 acres)						
SF-078875	T-025N R-006W	2561.68		TRACT: 017			6.935856
	----------		ORRI:		0.000000	8.750000	---------

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 029 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 030 E/2 W/2, E/2		BR OIL & GAS CO		100.000000	78.750000	
	(480.00 acres)				---------	---------	
	LOT 1 (40.210000 acres)		TOTAL		100.000000	100.000000	
	LOT 2 (40.240000 acres)						
	LOT 3 (40.280000 acres)						
	LOT 4 (40.310000 acres)						
	SEC. 031 E/2 W/2, E/2						
	(480.00 acres)						
	LOT 1 (40.280000 acres)						
	LOT 2 (40.200000 acres)						
	LOT 3 (40.120000 acres)						
	LOT 4 (40.040000 acres)						
	SEC. 033 ALL						
	(640.00 acres)						
SF-078876	T-025N R-007W	1600.00		TRACT: 018			4.332067
	---		ORRI:		0.000000	8.750000	---------
	SEC. 029 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 030 E/2		BR OIL & GAS CO		100.000000	78.750000	
	(320.00 acres)				---------	---------	
	SEC. 033 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
SF-078877	T-024N R-006W	640.00		TRACT: 019			1.732827
	---		ORRI:		0.000000	8.750000	---------
	SEC. 012 N/2, SW/4, N/2 SE/4		ROYALTY:		0.000000	12.500000	
	(560.00 acres)		WORKING INTEREST:				
	SEC. 013 W/2 NE/4		BR OIL & GAS CO		100.000000	78.750000	
	(80.00 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-078877	T-024N R-006W	1600.00		TRACT: 019A			4.332067
	---		ORRI:		0.000000	8.750000	---------
	SEC. 008 ALL		ROYALTY:		0.000000	12.500000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	(640.00 acres)		WORKING INTEREST:				
	SEC. 009 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---	---	
	SEC. 011 E/2		TOTAL		100.000000	100.000000	
	(320.00 acres)						
SF-078878	T-025N R-007W	2520.00		TRACT: 020			6.823005
	---		ORRI:		0.000000	8.750000	---
	SEC. 025 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 026 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---	---	
	SEC. 027 N/2, SE/4, N/2 SW/4, SW/4 SW/		TOTAL		100.000000	100.000000	
	(600.00 acres)						
	SEC. 028 ALL						
	(640.00 acres)						
SF-078879	T-025N R-007W	1600.00		TRACT: 021			4.332067
	---		ORRI:		0.000000	8.750000	---
	SEC. 021 W/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	SEC. 023 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---	---	
	SEC. 024 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
SF-078880	T-025N R-007W	1280.00		TRACT: 022			3.465653
	---		ORRI:		0.000000	8.750000	---
	SEC. 013 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 014 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
SF-078881	T-025N R-007W	800.80		TRACT: 023			2.168199
	---		ORRI:		0.000000	8.750000	---
	SEC. 003 S/2 NE/4, S/2		ROYALTY:		0.000000	12.500000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	(400.00 acres)		WORKING INTEREST:				
	LOT 1 (40.400000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 2 (40.400000 acres)				---------	---------	
	SEC. 011 E/2		TOTAL		100.000000	100.000000	
	(320.00 acres)						
SF-078881-A	T-025N R-007W	160.80		TRACT: 023A			0.435373
	---		ORRI:		0.000000	8.750000	---------
	SEC. 003 S/2 NW/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
	LOT 3 (40.400000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 4 (40.400000 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-078882	T-025N R-006W	2241.72		TRACT: 024			6.069551
	---		ORRI:		0.000000	8.750000	---------
	SEC. 017 W/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	SEC. 018 E/2 W/2, E/2		BR OIL & GAS CO		100.000000	78.750000	
	(480.00 acres)				---------	---------	
	LOT 1 (39.930000 acres)		TOTAL		100.000000	100.000000	
	LOT 2 (40.060000 acres)						
	LOT 3 (40.200000 acres)						
	LOT 4 (40.330000 acres)						
	SEC. 019 E/2 W/2, E/2						
	(480.00 acres)						
	LOT 1 (40.380000 acres)						
	LOT 2 (40.330000 acres)						
	LOT 3 (40.270000 acres)						
	LOT 4 (40.220000 acres)						
	SEC. 020 ALL						
	(640.00 acres)						
SF-078883	T-025N R-006W	1125.34		TRACT: 025			3.046905
	---		ORRI:		0.000000	8.750000	---------
	SEC. 004 (1125.34 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (40.720000 acres)		WORKING INTEREST:				

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 005 S/2 N/2, SW/4		BR OIL & GAS CO		100.000000	78.750000	
	(320.00 acres)				---	---	
	LOT 2 (40.900000 acres)		TOTAL		100.000000	100.000000	
	LOT 3 (41.100000 acres)						
	LOT 4 (41.300000 acres)						
	SEC. 007 ALL						
	(641.00 acres)						
SF-078883-A	T-025N R-006W	160.00		TRACT: 025A			0.433207
	---		ORRI:		0.000000	8.750000	---
	SEC. 005 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078884	T-025N R-006W	2320.00		TRACT: 026			6.281497
	---		ORRI:		0.000000	8.750000	---
	SEC. 012 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 013 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---	---	
	SEC. 014 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
	SEC. 015 E/2						
	(320.00 acres)						
	SEC. 022 N/2 NE/4						
	(80.00 acres)						
SF-078885	T-025N R-006W	2403.32		TRACT: 027			6.507089
	---		ORRI:		0.000000	8.750000	---
	SEC. 001 S/2 N/2, S/2		ROYALTY:		0.000000	12.500000	
	(480.00 acres)		WORKING INTEREST:				
	LOT 1 (40.050000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 2 (40.150000 acres)				---	---	
	LOT 3 (40.250000 acres)		TOTAL		100.000000	100.000000	
	LOT 4 (40.350000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 003 S/2 N/2, S/2						
	(480.00 acres)						
	LOT 1 (40.550000 acres)						
	LOT 2 (40.600000 acres)						
	LOT 3 (40.660000 acres)						
	LOT 4 (40.710000 acres)						
	SEC. 010 S/2, NW/4						
	(480.00 acres)						
	SEC. 011 ALL						
	(640.00 acres)						
SF-078885-A	T-025N R-006W	160.00		TRACT: 027A			0.433207
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 010 NE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---------	---------	
			TOTAL		100.000000	100.000000	
SF-078886	T-024N R-006W	1920.00		TRACT: 028			5.198480
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 017 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 020 ALL		BR OIL & GAS CO		100.000000	78.750000	
	(640.00 acres)				---------	---------	
	SEC. 021 ALL		TOTAL		100.000000	100.000000	
	(640.00 acres)						
SF-078922	T-024N R-007W	1000.58		TRACT: 029			2.709112
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 003 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	LOT 1 (6.730000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 2 (6.730000 acres)				---------	---------	
	LOT 3 (6.750000 acres)		TOTAL		100.000000	100.000000	
	LOT 4 (6.750000 acres)						
	LOT 5 (40.000000 acres)						

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
	SEC. 004 SE/4						
	(160.00 acres)						
	LOT 1 (6.790000 acres)						
	LOT 2 (6.830000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
SF-078922	T-024N R-007W	295.60		TRACT: 029A			0.800349
	---		ORRI:		0.000000	8.750000	---
	SEC. 001 N/2 SW/4, SW/4 SW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
	LOT 3 (7.600000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 4 (8.000000 acres)				---	---	
	LOT 5 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 6 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
SF-078923	T-024N R-007W	320.00		TRACT: 030			0.866413
	---		ORRI:		0.000000	8.750000	---
	SEC. 010 E/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-078925	T-024N R-006W	960.00		TRACT: 031			2.599240
	---		ORRI:		0.000000	8.750000	---

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 026 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 027 E/2		BR OIL & GAS CO		100.000000	78.750000	
	(320.00 acres)				---------	---------	
			TOTAL		100.000000	100.000000	
SF-078957	T-024N R-006W	149.15		TRACT: 032			0.403830
	----------		ORRI:		0.000000	8.750000	---------
	SEC. 003 (149.15 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (10.510000 acres)		WORKING INTEREST:				
	LOT 2 (10.340000 acres)		BR OIL & GAS CO		100.000000	78.750000	
	LOT 3 (10.160000 acres)				---------	---------	
	LOT 4 (9.990000 acres)		TOTAL		100.000000	100.000000	
	SEC. 004 (149.15 acres)						
	LOT 1 (9.810000 acres)						
	LOT 2 (9.640000 acres)						
	LOT 3 (9.460000 acres)						
	LOT 4 (9.290000 acres)						
	SEC. 005 (149.15 acres)						
	LOT 1 (8.990000 acres)						
	LOT 2 (8.960000 acres)						
	LOT 3 (8.940000 acres)						
	LOT 4 (8.910000 acres)						
	SEC. 006 (149.15 acres)						
	LOT 1 (8.810000 acres)						
	LOT 2 (8.640000 acres)						
	LOT 3 (8.460000 acres)						
	LOT 4 (8.240000 acres)						
SF-078987	T-025N R-007W	1280.00		TRACT: 035			3.465653
	----------		ORRI:		0.000000	0.000000	---------
	SEC. 034 ALL		ROYALTY:		0.000000	12.500000	
	(640.00 acres)		WORKING INTEREST:				
	SEC. 035 ALL		FOUR STAR OIL & GAS		100.000000	87.500000	
	(640.00 acres)				---------	---------	
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-079071-B	T-025N R-006W	160.00		TRACT: 036			0.433207
	---		ORRI:		0.000000	10.937500	---
	SEC. 028 NW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			CONOCO INC		1.861494	1.425206	
			DUGAN PRODUCTION COR		9.249617	7.081739	
			MINEL INC		66.666668	51.041667	
			CINCO GEN PARTNERSHP		9.724443	7.445276	
			BR OIL & GAS CO		12.497778	9.568612	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	40.00		TRACT: 037			0.108302
	---		ORRI:		0.000000	12.500000	---
	SEC. 022 SW/4 SW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	75.000000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	160.00		TRACT: 037A			0.433207
	---		ORRI:		0.000000	18.500000	---
	SEC. 028 SW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	69.000000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079071-A	T-025N R-006W	120.00		TRACT: 037B			0.324905
	---		ORRI:		0.000000	18.500000	---
	SEC. 027 N/2 NW/4, SW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
			ELLEDGE JOE F		10.000000	6.900000	
			LITTLE SYLVIA F TR		90.000000	62.100000	
					---	---	
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
SF-079086	T-024N R-006W	560.00		TRACT: 038			0.000000
	---		ORRI:		0.000000	5.000000	---
	SEC. 010 S/2, N/2 N/2		ROYALTY:		0.000000	12.500000	
	(480.00 acres)		WORKING INTEREST:				
	SEC. 035 S/2 NE/4		UNKNOWN-NM		100.000000	82.500000	
	(80.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
ELIMINATED	T-024N R-006W	40.00		TRACT: 038A			0.000000
	---		ORRI:		0.000000	5.000000	---
	SEC. 013 NW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	82.500000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079177	T-025N R-006W	800.69		TRACT: 041			2.167902
	---		ORRI:		0.000000	17.500000	---
	SEC. 004 (800.69 acres)		ROYALTY:		0.000000	12.500000	
	LOT 2 (40.690000 acres)		WORKING INTEREST:				
	SEC. 009 SW/4, S/2 NW/4, NW/4 NW/4		BR OIL & GAS CO		100.000000	70.000000	
	(280.00 acres)				---	---	
	SEC. 023 N/2 NE/4, S/2 SE/4		TOTAL		100.000000	100.000000	
	(160.00 acres)						
	SEC. 024 E/2						
	(320.00 acres)						
NM-019400	T-025N R-006W	160.62		TRACT: 041A			0.434885
	---		ORRI:		0.000000	0.000000	---
	SEC. 004 SW/4 NW/4, W/2 SW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
	LOT 4 (40.620000 acres)		DUGAN PRODUCTION COR		100.000000	87.500000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079177	T-025N R-006W	400.00		TRACT: 041B			1.083017
	---		ORRI:		0.000000	5.000000	---

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 009 E/2 NE/4, N/2 SE/4, SW/4 SE/4		ROYALTY:		0.000000	12.500000	
	(200.00 acres)		WORKING INTEREST:				
	SEC. 024 E/2 W/2, SW/4 SW/4		BR OIL & GAS CO		100.000000	82.500000	
	(200.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
SF-079177	T-025N R-006W	40.00		TRACT: 041C			0.108302
	---		ORRI:		0.000000	17.500000	---
	SEC. 009 SW/4 NE/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	70.000000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-079915	T-024N R-007W	40.00		TRACT: 043			0.108302
	---		ORRI:		0.000000	8.750000	---
	SEC. 001 SE/4 SW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	78.750000	
					---	---	
			TOTAL		100.000000	100.000000	
ELIMINATED	T-025N R-006W	240.00		TRACT: 044			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 022 S/2 NE/4, E/2 SW/4, NW/4 SW/4		ROYALTY:		0.000000	12.500000	
	(200.00 acres)		WORKING INTEREST:				
	SEC. 027 SE/4 NW/4		UNKNOWN-NM		100.000000	87.500000	
	(40.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
SF-080594	T-024N R-006W	365.40		TRACT: 046			0.989336
	---		ORRI:		0.000000	0.000000	---
	SEC. 001 (365.40 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (11.540000 acres)		WORKING INTEREST:				
	LOT 2 (11.410000 acres)		BOLACK MINERALS		50.000000	43.750000	
	LOT 3 (11.290000 acres)		BR OIL & GAS CO		50.000000	43.750000	
	LOT 4 (11.160000 acres)				---	---	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	LOT 5 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 6 (40.000000 acres)						
	LOT 7 (40.000000 acres)						
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
SF-080594-A	T-024N R-006W	320.00		TRACT: 046A			0.000000
	----------		ORRI:		0.000000	0.000000	----------
	SEC. 001 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---------	----------	
			TOTAL		100.000000	100.000000	
SF-080594-B	T-024N R-006W	120.00		TRACT: 046B			0.000000
	----------		ORRI:		0.000000	0.000000	----------
	SEC. 013 S/2 NW/4, NE/4 NW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---------	----------	
			TOTAL		100.000000	100.000000	
SF-080594	T-024N R-006W	160.00		TRACT: 046C			0.433207
	----------		ORRI:		0.000000	0.000000	----------
	SEC. 013 SW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BOLACK MINERALS		50.000000	43.750000	
			BR OIL & GAS CO		50.000000	43.750000	
					---------	----------	
			TOTAL		100.000000	100.000000	
SF-080594	T-024N R-006W	160.00		TRACT: 046D			0.433207
	----------		ORRI:		0.000000	0.000000	----------
	SEC. 013 SE/4		ROYALTY:		0.000000	12.500000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	(160.00 acres)		WORKING INTEREST:				
			BOLACK MINERALS		50.000000	43.750000	
			BR OIL & GAS CO		50.000000	43.750000	
					---	---	
			TOTAL		100.000000	100.000000	
SF-081325	T-024N R-006W	160.00		TRACT: 047			0.433207
	---		ORRI:		0.000000	0.000000	---
	SEC. 035 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BOLACK MINERALS		50.000000	43.750000	
			BR OIL & GAS CO		50.000000	43.750000	
					---	---	
			TOTAL		100.000000	100.000000	
E-291-52	T-025N R-006W	560.51		TRACT: 055			1.517604
	---		ORRI:		0.000000	0.000000	---
	SEC. 002 SW/4, SW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(200.00 acres)		WORKING INTEREST:				
	LOT 4 (40.510000 acres)		WISER OIL COMPANY		50.000000	43.750000	
	SEC. 032 E/2		BR OIL & GAS CO		50.000000	43.750000	
	(320.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
E-291-50	T-025N R-006W	160.00		TRACT: 056			0.433207
	---		ORRI:		0.000000	12.500000	---
	SEC. 002 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	75.000000	
					---	---	
			TOTAL		100.000000	100.000000	
E-291-50	T-025N R-006W	160.00		TRACT: 056A			0.433207
	---		ORRI:		0.000000	12.500000	---
	SEC. 032 NW/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	75.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
					---	---	
			TOTAL		100.000000	100.000000	
E-291-36	T-025N R-006W	240.00		TRACT: 057			0.000000
	---		ORRI:		0.000000	8.750000	---
	SEC. 023 SW/4 NE/4, NW/4 SE/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
	SEC. 032 SW/4		BR OIL & GAS CO		100.000000	78.750000	
	(160.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
E-291-49	T-025N R-006W	160.85		TRACT: 058			0.435508
	---		ORRI:		0.000000	18.200000	---
	SEC. 002 S/2 NE/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
	LOT 1 (40.410000 acres)		BR OIL & GAS CO		100.000000	69.300000	
	LOT 2 (40.440000 acres)				---	---	
			TOTAL		100.000000	100.000000	
E-291-49	T-025N R-006W	80.48		TRACT: 059			0.217903
	---		ORRI:		0.000000	14.000000	---
	SEC. 002 SE/4 NW/4		ROYALTY:		0.000000	12.500000	
	(40.00 acres)		WORKING INTEREST:				
	LOT 3 (40.480000 acres)		BR OIL & GAS CO		100.000000	73.500000	
					---	---	
			TOTAL		100.000000	100.000000	
E-505-11	T-025N R-007W	120.00		TRACT: 060			0.324905
	---		ORRI:		0.000000	2.000000	---
	SEC. 036 N/2 NW/4, SE/4 NW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
			CONOCO INC		42.272628	36.143097	
			DUGAN PRODUCTION COR		53.581805	45.812443	
			BR OIL & GAS CO		4.145567	3.544460	
					---	---	
			TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
E-809-22	T-025N R-007W	520.00		TRACT: 061			1.407922
	---		ORRI:		0.000000	5.000000	---
	SEC. 036 S/2, NE/4, SW/4 NW/4		ROYALTY:		0.000000	12.500000	
	(520.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	82.500000	
					---	---	
			TOTAL		100.000000	100.000000	
E-809-17	T-024N R-007W	640.00		TRACT: 061A			1.732827
	---		ORRI:		0.000000	0.000000	---
	SEC. 002 S/2		ROYALTY:		0.000000	12.500000	
	(320.00 acres)		WORKING INTEREST:				
	LOT 5 (40.000000 acres)		DUGAN PRODUCTION COR		100.000000	87.500000	
	LOT 6 (40.000000 acres)				---	---	
	LOT 7 (40.000000 acres)		TOTAL		100.000000	100.000000	
	LOT 8 (40.000000 acres)						
	LOT 9 (40.000000 acres)						
	LOT 10 (40.000000 acres)						
	LOT 11 (40.000000 acres)						
	LOT 12 (40.000000 acres)						
E-1207-1	T-024N R-006W	80.00		TRACT: 062			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 035 N/2 NE/4		ROYALTY:		0.000000	12.500000	
	(80.00 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---	---	
			TOTAL		100.000000	100.000000	
E-5615	T-024N R-007W	26.64		TRACT: 065			0.072129
	---		ORRI:		0.000000	0.000000	---
	SEC. 002 (26.64 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (6.620000 acres)		WORKING INTEREST:				
	LOT 2 (6.640000 acres)		DUGAN PRODUCTION COR		100.000000	87.500000	
	LOT 3 (6.680000 acres)				---	---	
	LOT 4 (6.700000 acres)		TOTAL		100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
ROBERT TRUB	T-025N R-006W	320.65		TRACT: 069			0.868173
	---		ORRI:		0.000000	5.000000	---
	SEC. 004 SE/4 NW/4, S/2 NE/4, E/2 SE/4,		ROYALTY:		0.000000	0.000000	
	SW/4 SE/4		WORKING INTEREST:				
	(240.00 acres)		FOUR STAR OIL & GAS		100.000000	95.000000	
	LOT 3 (40.650000 acres)				---	---	
	SEC. 009 NW/4 NE/4		TOTAL		100.000000	100.000000	
	(40.00 acres)						
FEE	T-025N R-006W	160.00		TRACT: 070			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 004 NW/4 SE/4, E/2 SW/4		ROYALTY:		0.000000	12.500000	
	(120.00 acres)		WORKING INTEREST:				
	SEC. 009 NE/4 NW/4		UNKNOWN-NM		100.000000	87.500000	
	(40.00 acres)				---	---	
			TOTAL		100.000000	100.000000	
FEE	T-025N R-006W	40.70		TRACT: 071			0.000000
	---		ORRI:		0.000000	0.000000	---
	SEC. 005 (40.70 acres)		ROYALTY:		0.000000	12.500000	
	LOT 1 (40.700000 acres)		WORKING INTEREST:				
			UNKNOWN-NM		100.000000	87.500000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION & BA	T-025N R-006W	160.00		TRACT: 074			0.433207
	---		ORRI:		0.000000	0.000000	---
	SEC. 023 SE/4 NE/4, NE/4 SE/4		ROYALTY:		0.000000	0.000000	
	(80.00 acres)		WORKING INTEREST:				
	SEC. 024 SW/4 NW/4, NW/4 SW/4		HARVEY LORNA R		12.500000	12.500000	
	(80.00 acres)		BALBACH IRIS V		12.500000	12.500000	
			BR OIL & GAS CO		75.000000	75.000000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, ET A	T-024N R-006W	160.00		TRACT: 078			0.433207
	---		ORRI:		0.000000	0.000000	---

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
	SEC. 010 S/2 N/2		ROYALTY:		0.000000	0.000000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	100.000000	
					---	---	
			TOTAL		100.000000	100.000000	
BROGAN, GEO	T-024N R-006W	80.00		TRACT: 079			0.216603
	---		ORRI:		0.000000	0.000000	---
	SEC. 012 S/2 SE/4		ROYALTY:		0.000000	0.000000	
	(80.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	100.000000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, ET A	T-024N R-006W	80.00		TRACT: 079A			0.216603
	---		ORRI:		0.000000	0.000000	---
	SEC. 013 E/2 NE/4		ROYALTY:		0.000000	0.000000	
	(80.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	100.000000	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, E W	T-024N R-006W	160.00		TRACT: 080			0.433207
	---		ORRI:		0.000000	15.718752	---
	SEC. 015 S/2 NE/4, N/2 SE/4		ROYALTY:		0.000000	12.500000	
	(160.00 acres)		WORKING INTEREST:				
			BR OIL & GAS CO		100.000000	71.781248	
					---	---	
			TOTAL		100.000000	100.000000	
MERRION, ET A	T-024N R-006W	160.00		TRACT: 081			0.433207
	---		ORRI:		0.000000	0.000000	---
	SEC. 022 NE/4		ROYALTY:		0.000000	0.000000	
	(160.00 acres)		WORKING INTEREST:				
			HARVEY LORNA R		12.500000	12.500000	
			BALBACH IRIS V		12.500000	12.500000	
			BR OIL & GAS CO		75.000000	75.000000	

BURLINGTON RESOURCES O&G CO
THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA
RIO ARRIBA, NEW MEXICO
EFFECTIVE 03/01/1994

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	GWI PERCENTAGE	NRI PERCENTAGE	PARTICIPATION FACTOR
					---	---	
			TOTAL		100.000000	100.000000	

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 006W
- LOT: 1 (11.540000 acres)
- LOT: 2 (11.410000 acres)
- LOT: 3 (11.290000 acres)
- LOT: 4 (11.160000 acres)
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)

SEC. 003 S/2
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)
- LOT: 1 (10.510000 acres)
- LOT: 2 (10.340000 acres)
- LOT: 3 (10.160000 acres)
- LOT: 4 (9.990000 acres)

SEC. 004 S/2
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)
- LOT: 9 (40.000000 acres)
- LOT: 10 (40.000000 acres)
- LOT: 11 (40.000000 acres)
- LOT: 12 (40.000000 acres)
- LOT: 1 (9.810000 acres)
- LOT: 2 (9.640000 acres)
- LOT: 3 (9.460000 acres)
- LOT: 4 (9.290000 acres)

SEC. 005 S/2
- LOT: 5 (40.000000 acres)
- LOT: 6 (40.000000 acres)
- LOT: 7 (40.000000 acres)
- LOT: 8 (40.000000 acres)

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 006W

SEC. 001 S/2

SEC. 010 S/2, N/2 N/2

SEC. 013 NW/4 NW/4

SEC. 013 S/2 NW/4, NE/4 NW/4

SEC. 035 N/2 NE/4

SEC. 035 S/2 NE/4

TOWNSHIP 025N, RANGE 006W

SEC. 004 NW/4 SE/4, E/2 SW/4
- LOT: 1 (40.700000 acres)

SEC. 009 NE/4 NW/4

SEC. 022 S/2 NE/4, E/2 SW/4, NW/4 SW/4

SEC. 023 SW/4 NE/4, NW/4 SE/4

SEC. 027 SE/4 NW/4

SEC. 032 SW/4

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
LOT: 1 (8.990000 acres)
LOT: 2 (8.960000 acres)
LOT: 3 (8.940000 acres)
LOT: 4 (8.910000 acres)
LOT: 1 (8.810000 acres)
LOT: 2 (8.640000 acres)
LOT: 3 (8.460000 acres)
LOT: 4 (8.240000 acres)
SEC. 006 E/2 SW/4, SE/4
LOT: 5 (39.910000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (39.810000 acres)
LOT: 13 (39.710000 acres)
LOT: 14 (39.610000 acres)
SEC. 008 ALL
SEC. 009 ALL
SEC. 010 S/2 N/2
SEC. 011 E/2
SEC. 012 N/2, SW/4, N/2 SE/4
SEC. 012 S/2 SE/4
SEC. 013 SW/4
SEC. 013 SE/4
SEC. 013 E/2 NE/4
SEC. 013 W/2 NE/4
SEC. 015 N/2 NE/4, S/2 SE/4
SEC. 015 W/2
SEC. 015 S/2 NE/4, N/2 SE/4
SEC. 017 ALL
SEC. 020 ALL
SEC. 021 ALL
SEC. 022 W/2, SE/4
SEC. 022 NE/4
SEC. 026 ALL
SEC. 027 E/2
SEC. 035 SE/4

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 024N, RANGE 007W
SEC. 001 N/2 SW/4, SW/4 SW/4
LOT: 3 (7.600000 acres)
LOT: 4 (8.000000 acres)
LOT: 5 (40.000000 acres)
LOT: 6 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
SEC. 001 SE/4 SW/4
SEC. 002 S/2
LOT: 5 (40.000000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
LOT: 1 (6.620000 acres)
LOT: 2 (6.640000 acres)
LOT: 3 (6.680000 acres)
LOT: 4 (6.700000 acres)
SEC. 003 S/2
LOT: 1 (6.730000 acres)
LOT: 2 (6.730000 acres)
LOT: 3 (6.750000 acres)
LOT: 4 (6.750000 acres)
LOT: 5 (40.000000 acres)
LOT: 6 (40.000000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
LOT: 11 (40.000000 acres)
LOT: 12 (40.000000 acres)
SEC. 004 SE/4
LOT: 1 (6.790000 acres)
LOT: 2 (6.830000 acres)
LOT: 7 (40.000000 acres)
LOT: 8 (40.000000 acres)
LOT: 9 (40.000000 acres)
LOT: 10 (40.000000 acres)
SEC. 010 E/2
TOWNSHIP 025N, RANGE 006W

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

R E C A P I T U L A T I O N

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SEC. 001 S/2 N/2, S/2
LOT: 1 (40.050000 acres)
LOT: 2 (40.150000 acres)
LOT: 3 (40.250000 acres)
LOT: 4 (40.350000 acres)
SEC. 002 SW/4, SW/4 NW/4
LOT: 4 (40.510000 acres)
SEC. 002 SE/4
SEC. 002 S/2 NE/4
LOT: 1 (40.410000 acres)
LOT: 2 (40.440000 acres)
SEC. 002 SE/4 NW/4
LOT: 3 (40.480000 acres)
SEC. 003 S/2 N/2, S/2
LOT: 1 (40.550000 acres)
LOT: 2 (40.600000 acres)
LOT: 3 (40.660000 acres)
LOT: 4 (40.710000 acres)
LOT: 2 (40.690000 acres)
SEC. 004 SW/4 NW/4, W/2 SW/4
LOT: 4 (40.620000 acres)
SEC. 004 SE/4 NW/4, S/2 NE/4, E/2 SE/4, SW/4 SE/4
LOT: 3 (40.650000 acres)
LOT: 1 (40.720000 acres)
SEC. 005 S/2 N/2, SW/4
LOT: 2 (40.900000 acres)
LOT: 3 (41.100000 acres)
LOT: 4 (41.300000 acres)
SEC. 005 SE/4
SEC. 007 ALL
SEC. 009 E/2 NE/4, N/2 SE/4, SW/4 SE/4
SEC. 009 SW/4 NE/4
SEC. 009 SW/4, S/2 NW/4, NW/4 NW/4
SEC. 009 NW/4 NE/4
SEC. 010 NE/4
SEC. 010 S/2, NW/4
SEC. 011 ALL
SEC. 012 ALL
SEC. 013 ALL
SEC. 014 ALL
SEC. 015 E/2
SEC. 017 W/2
SEC. 018 E/2 W/2, E/2
LOT: 1 (39.930000 acres)

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

R E C A P I T U L A T I O N

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

LOT: 2 (40.060000 acres)
LOT: 3 (40.200000 acres)
LOT: 4 (40.330000 acres)
SEC. 019 E/2 W/2, E/2
LOT: 1 (40.380000 acres)
LOT: 2 (40.330000 acres)
LOT: 3 (40.270000 acres)
LOT: 4 (40.220000 acres)
SEC. 020 ALL
SEC. 022 SW/4 SW/4
SEC. 022 N/2 NE/4
SEC. 023 SE/4 NE/4, NE/4 SE/4
SEC. 023 N/2 NE/4, S/2 SE/4
SEC. 024 E/2 W/2, SW/4 SW/4
SEC. 024 SW/4 NW/4, NW/4 SW/4
SEC. 024 E/2
SEC. 027 N/2 NW/4, SW/4 NW/4
SEC. 028 NW/4
SEC. 028 SW/4
SEC. 029 ALL
SEC. 030 E/2 W/2, E/2
LOT: 1 (40.210000 acres)
LOT: 2 (40.240000 acres)
LOT: 3 (40.280000 acres)
LOT: 4 (40.310000 acres)
SEC. 031 E/2 W/2, E/2
LOT: 1 (40.280000 acres)
LOT: 2 (40.200000 acres)
LOT: 3 (40.120000 acres)
LOT: 4 (40.040000 acres)
SEC. 032 NW/4
SEC. 032 E/2
SEC. 033 ALL
TOWNSHIP 025N, RANGE 007W
SEC. 003 S/2 NE/4, S/2
LOT: 1 (40.400000 acres)
LOT: 2 (40.400000 acres)
SEC. 003 S/2 NW/4
LOT: 3 (40.400000 acres)
LOT: 4 (40.400000 acres)
SEC. 011 E/2
SEC. 013 ALL
SEC. 014 ALL
SEC. 021 W/2

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

RECAPITULATION

THE 047 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SEC. 023 ALL
SEC. 024 ALL
SEC. 025 ALL
SEC. 026 ALL
SEC. 027 N/2, SE/4, N/2 SW/4, SW/4 SW/4
SEC. 028 ALL
SEC. 029 ALL
SEC. 030 E/2
SEC. 033 ALL
SEC. 034 ALL
SEC. 035 ALL
SEC. 036 N/2 NW/4, SE/4 NW/4
SEC. 036 S/2, NE/4, SW/4 NW/4

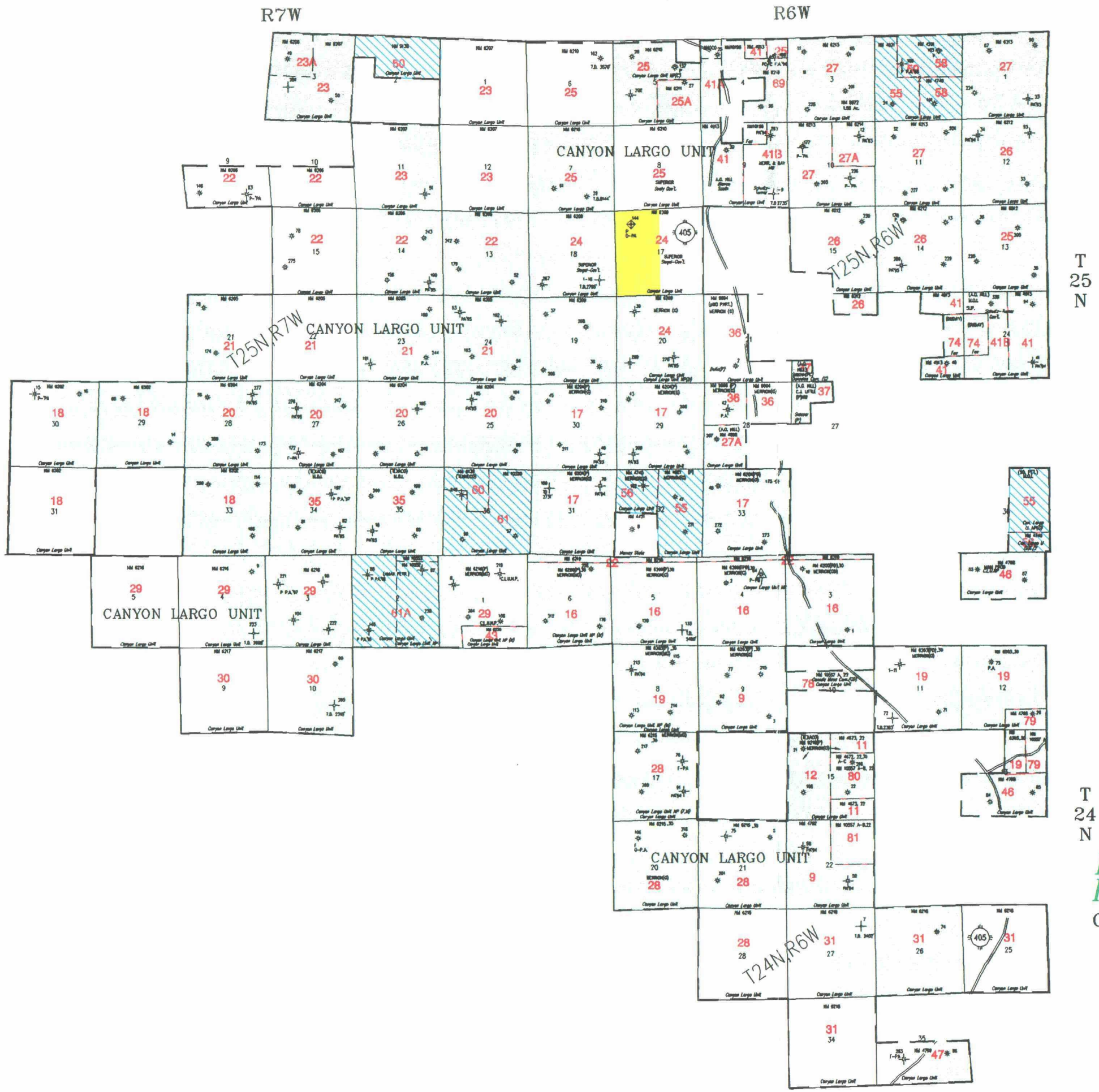
TOTAL ACRES COMMITTED: 36933.87

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 1800.70

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 38734.57

EFFECTIVE DATE: 03/01/94



FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA

BURLINGTON RESOURCES

CANYON LARGO UNIT

PICTURED CLIFFS PARTICIPATING AREA
46th Expansion Effective 12/1/85

OIL AND GAS OWNED BY
STATE OF NEW MEXICO

PICTURED CLIFFS PARTICIPATING AREA
47th Expansion Effective 3/01/94

December 30, 1998

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

December 17, 1998

Burlington Resources Oil and Gas Company
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Ms. Marian L. Wimsatt

Re: Canyon Largo Unit
Commercial Determinations
Dakota Formation
Rio Arriba County, New Mexico

Dear Ms. Wimsatt:

We are in receipt of your letter of July 7, 1998, and a copy of the Bureau of Land Management's letter of December 1, 1998, regarding the commercial determinations for the Canyon Largo Unit Well Nos. 431 (E/2, Section 14-25N-07W), 425 (S/2, Section 10-25N-07W), 415 (E/2, Section 19-25N-06W), 434 (W/2, Section 20-24N-06W), 409 (E/2, Section 15-25N-06W), 427 (W/2, Section 11-25N-07W), 428 (E/2, Section 13-25N-07W), 430 (W/2, Section 14-25N-07W) and the 447 (E/2, Section 24-25N-07W).

We concur with the Bureau of Land Management's determination that the Canyon Largo Unit Well Nos. 431, 409 and 428 are commercial wells in the Dakota Formation and are entitled to participate in the Dakota Formation participating area.

We also concur that the Canyon Largo Unit Well Nos. 425, 415, 434, 427, 430, and 447 are non-paying wells and should be produced on a lease basis.

Please submit an application for the appropriate expansion of the Dakota Formation participating area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: Jami Bailey
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
Enclosure
xc: Reader File OCD--Roy Johnson BLM

"WE WORK FOR EDUCATION"

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

December 17, 1998

Burlington Resources Oil and Gas Company
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Ms. Marian L. Wimsatt

Re: Canyon Largo Unit
Commercial Determinations
Gallup Formation
Rio Arriba County, New Mexico

Dear Ms. Wimsatt:

We are in receipt of your letter of July 8, 1998, and a copy of the Bureau of Land Management's letter of December 1, 1998, regarding the commercial determinations for the Canyon Largo Unit Well Nos. 428 (E/2, Section 13-25N-07W), 430 (W/2, Section 14-25N-07W), and the 447 (E/2, Section 24-25N-07W).

We concur with the Bureau of Land Management's determination that the Canyon Largo Unit Well No. 447 is a commercial well in the Gallup Formation and is entitled to participate in the Gallup Formation participating area.

We also concur that the Canyon Largo Unit Well Nos. 428 and 430 are non-paying wells and should be produced on a lease basis.

Please submit an application for the appropriate expansion of the Gallup Formation participating area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
Enclosure
xc: Reader File OCD--Roy Johnson BLM TRD RMD--Linda Vieira

"WE WORK FOR EDUCATION"

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

November 6, 1998

Burlington Resources Oil and Gas Co.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Ms. Marian L. Wimsatt

Re: Canyon Largo Unit Well Nos. 144 and 275
Commercial/Non-Commercial Determinations
Pictured Cliffs Formation

Dear Ms. Wimsatt:

We are in receipt of your letter of July 8, 1998 and a copy of the Bureau of Land Management's letter of October 26, 1998 regarding the commercial determinations for the Canyon Largo Unit Well Nos. 144, (NW/4NW/4 Section 17-25N-6W) and the 275 (NW/4SW/4 Section 15-25N-07W).

We concur with the Bureau of Land Management's determination that the Canyon Largo Unit Well No. 144 is a commercial well in the Pictured Cliffs Formation and is entitled to participate in the Pictured Cliffs participating area.

We also concur that the Canyon Largo Unit Well No. 275 is a non-paying well and should be produced on a lease basis.

Please submit an application for the appropriate expansion of the Pictured Cliffs participating area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: For Anthony H. Neal
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
RP/JB/pm
pc: Reader File,
BLM-Farmington Attn: Mr. Duane Spencer
OCD-Santa Fe Attn: Mr. Roy Johnson
TRD-Attn: Mr. Valdean Severson
RMD-Attn: Ms. Linda Vieira

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

November 6, 1998

Burlington Resources Oil and Gas Co.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Ms. Marian L. Wimsatt

Re: Canyon Largo Unit Well Nos. 144 and 275
Commercial/Non-Commercial Determinations
Pictured Cliffs Formation

Dear Ms. Wimsatt:

We are in receipt of your letter of July 8, 1998 and a copy of the Bureau of Land Management's letter of October 26, 1998 regarding the commercial determinations for the Canyon Largo Unit Well Nos. 144, (NW/4NW/4 Section 17-25N-6W) and the 275 (NW/4SW/4 Section 15-25N-07W).

We concur with the Bureau of Land Management's determination that the Canyon Largo Unit Well No. 144 is a commercial well in the Pictured Cliffs Formation and is entitled to participate in the Pictured Cliffs participating area.

We also concur that the Canyon Largo Unit Well No. 275 is a non-paying well and should be produced on a lease basis.

Please submit an application for the appropriate expansion of the Pictured Cliffs participating area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: For Anthony W. Noel
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
RP/JB/pm
pc: Reader File,
BLM-Farmington Attn: Mr. Duane Spencer
OCD-Santa Fe Attn: Mr. Roy Johnson
TRD-Attn: Mr. Valdean Severson
RMD-Attn: Ms. Linda Vieira

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

August 26, 1998

Burlington Resources
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. James R. J. Strickler

Re: 1998 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Dear Mr. Strickler:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
pc: Reader File OCD BLM

"WE WORK FOR EDUCATION"

#541

BURLINGTON RESOURCES

SAN JUAN DIVISION

July 14, 1998

New Mexico Oil Conservation Division (2)
Energy Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

New Mexico Commissioner (2)
of Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

Bureau of Land Management
Farmington Resources Area
1235 La Plata Highway
Farmington, NM 87401

RE: CANYON LARGO UNIT #14-08-001-1059
FIRST AMENDMENT
1998 DRILLING PROGRAM
RIO ARRIBA COUNTY, NEW MEXICO

Gentlemen:

The 1998 Drilling Program for the Canyon Largo Unit was submitted to you by our letter of March 3, 1998.

Subsequent to the submittal of said letter of March 3, 1998, one (1) additional well and one (1) recompletion have been proposed.

WELL NUMBER	DRILLING BLOCK	FORMATION
#448	W/2 Section 12, T25N, R7W	Dakota New Drill
#388	W/2 Section 3, T25N, R6W	Chacra Recompletion

All Working Interest Owners have been contacted regarding this Drilling Program. Burlington Resources and the Working Interest Owners believe that all current obligations have been satisfied.

Burlington Resources Oil & Gas Company, as operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other w3lls deemed necessary or desirable by the Unit Operator and the Working Interest Owners,

If this Plan of Development is acceptable, please signify your approval as required under section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Sincerely,

James R.J. Strickler, CPL
Senior Staff Landman

JRS:dg
1998 Drilling Program_clu
xc: Canyon Largo Unit 3.0 (POD)
Peggy Bradfield

3535 East 30th St.. 87402-8801. P.O. Box 4289. Farmington. New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

APPROVED:_____ Date:_____

Bureau of Land Management
(Subject to like approval by the Commissioner of Public Lands and the Oil Conservation Division)

APPROVED:_____ Date:_____

Commissioner of Public Lands
(Subject to like approval by the Bureau of Land Management and the Oil Conservation Division)

APPROVED:_____ Date: 7/16/98

Oil Conservation Division
(Subject to like approval by the Bureau of Land Management and Commissioner of Public Lands)

The foregoing approvals for the First Amendment to the 1998 Plan of Development for the Canyon Largo Unit, #14-28-001-1059, Rio Arriba County, New Mexico.

BURLINGTON RESOURCES

SAN JUAN DIVISION

July 8, 1998

JUL - 9 1998

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit (14-08-001-1059)
Commercial Determinations
Devils Fork Gallup Formation
Rio Arriba County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the Canyon Largo Unit Agreement, #14-08-001-1059, approved, September 18, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that some of the wells listed below are capable of producing unitized substances in paying quantities from the Devils Fork Gallup Formation. Burlington is seeking confirmation of the paying well determinations enclosed.

BR's DP No.	Well Name & Number	Well Dedication	Dedicated Lease	Completion Date	Commericality Determination
57492B	Canyon Largo Unit #428	E/2 13-25N-7W	NMSF-078880	12/10/95	Non-Commercial
57495B	Canyon Largo Unit #430	W/2 14-25N-7W	NMSF-078880	01/07/96	Non-Commercial
57494B	Canyon Largo Unit #447	E/2 24-25N-7W	NMSF-078879	01/07/96	Commercial

Upon receipt of response from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules will be prepared and submitted.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,

Marian L. Wimsatt

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.4
cc: James Strickler

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon/Pattie A. B. Lundell/ Linda J. L. Lindsey /Susan B. Porter/Carolyn B. Tilley/James R. Beamon/Sheryl A. Lundell/Sharon Beamon Burns /Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell
Bolack Minerals Company
Burlington Resources Oil & Gas Company
Burton & Hawks Oil Company
Catherine W. Fikes
Christine T. Willins
Cinco General Partnership
Conoco Inc.
Dugan Production Corporation
Fisher Mays, Inc.
Four Star Oil & Gas Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Hugh McMillan Trust
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Merrion Oil & Gas Corporation
Minel, Inc.
Richard T. C. Tulley
Robert L. Bayless
Rodney P. Calvin
Speerex Limited Partnership
States, Inc.
Steven S. Dunn
Sylvia F. Little Trust
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Wynn-Crosby 1994, Ltd.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 428

WELL INFORMATION:

LOCATION	025N007W13G		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	DEVILS FORK GALLUP (AS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	8/ 9/95		
COMP DATE	12/10/95		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	316.00	M
PAYOUT YEARS		1.00	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1996	0.50	0.00	0.00	4.03	0.00	4.03

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 428

WELL INFORMATION:

LOCATION	025N007W13G			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	DEVILS FORK GALLUP (ASSOCI			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	8/ 9/95			
COMP DATE	12/10/95			
FIRST GAS				
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,129 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	316.00	M
PAYOUT YEARS		1.0	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-179563-0 Original
Copyright 1998 Rockies Run Date: 25-Jun-98

State : New Mexico NM Merid 25N - 7W - 13 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 12/10/1995 D O OIL

Well: CANYON LARGO UNIT #428 Last Info: 04/04/1996
Ftg: 1475 fnl 1475 fel
Lat-Long by TDG: 36.402557 - 107.521759
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7410 Dakota Permit #: 01/16/1995 API: 30-039-2548500
Elev: 6908KB

Spud: 08/09/1995 Contr: Walters Rig #: 5
TD: 7461 on 08/19/1995

Elev: 6908KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2128	4780	L H	Point Lookout	5028	1880	L H
Kirtland	2310	4598	L H	Mancos	5266	1642	L H
Fruitland	2566	4342	L H	Gallup	6616	292	L H
Pictured Cliffs	2781	4127	L H	Greenhorn	6988	-80	L H
Chacra	3631	3277	L H	Graneros	7052	-144	L H
Cliff House	4335	2573	L H	Dakota	7094	-186	L H
Menefee	4405	2503	L H	Morrison	7422	-514	L H

Casing: 8 5/8 @ 395 w/500
5 1/2 @ 7459 w/1975
Mud : 9.2# @ 7461
Ph 8.5, Fluid loss 10 cc
Core : 2809-5306 (Mesaverde) Sidewall
cut 35 rec 33.
5306-7409 Sidewall
- no details
DST : None rptd
Logs : 08/19/95 Schlumberger AIT @ 396-7444, NPL LDT @ 396-7459, ML @ 396-7417.
08/20/95 Schlumberger AIT RWA @ 396-7444, DSI @ 396-7430.
08/21/95 Schlumberger FMI @ 5020-7460, GR @ 2858-7409.
11/05/95 Basin GR @ 50-7410. cased hole
Tubing: (2 strings) 1 1/2 @ 6381 & 7292 w/pkr @ 6500
Perfs : 7096-7370 (Dakota)
@ 7304-7306, 7318-7370, 7096, 7102, 7109, 7164, 7168, 7182, 7208, 7211, 7215, 7234, 7236, 7238, 7249, 7253, 7258 - frac w/90200# 20/40 Econoprop 65865 gal 22# x-link gel
6199-6400 (Gallup)
@ 6199, 6202, 6223, 6231, 6233, 6271, 6274, 6304, 6308, 6310, 6400
- frac w/75000# 20/40 Temp DC sd 41065 gal 35# x-link gel
PZone :
(DUAL)
6199-6400 (Gallup)
gross interval

State : New Mexico NM Merid 25N - 7W - 13 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 12/10/1995 D O OIL

Continued

PZone : 7096-7370 (Dakota)
gross interval

IP : (Dakota 7096-7370) F 10 BOPD; 1000 MCFGPD; 1 BWPD; SITP 2309
(Gallup 6199-6400) F 5 BOPD; 50 MCFGPD; 1 BWPD; SICP 1674

Journl: 8/16/95 rig rptd on site Aug 11.
9/6/95 rig rptd released Aug 29; added log details.
12/16/95 perf log details added.
12/27/95 completed oil well.
2/7/96 completed oil well, details added.
4/4/96 completed oil well, details added.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 430

WELL INFORMATION:

LOCATION	025N007W14K		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	DEVILS FORK GALLUP (AS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	8/23/95		
COMP DATE	1/ 7/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	316.00	M
PAYOUT YEARS		4.75	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1997	13.52	1.43	0.00	3.70	0.00	3.70
1998	8.97	0.80	0.00	4.03	0.00	4.03
1999	13.59	1.31	0.00	4.03	0.00	4.03
2000	14.27	1.40	0.00	4.03	0.00	4.03
2001	8.87	0.87	0.00	3.03	0.00	3.03

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 430

WELL INFORMATION:

LOCATION	025N007W14K			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	DEVILS FORK GALLUP (ASSOCI			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	8/23/95			
COMP DATE	1/ 7/96			
FIRST GAS				
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,258 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	316.00	M
PAYOUT YEARS		4.7	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

State : New Mexico NM Merid 25N - 7W - 14 sw ne sw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Well: CANYON LARGO UNIT #430 Last Info: 01/23/1996
Ftg: 1455 fnl 1435 fwl
Lat-Long by TDG: 36.403152 - 107.547104
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7245 Dakota Permit #: 01/16/1995 API: 30-039-2547700
Elev: 6813KB

Spud: 08/23/1995 Contr: Walters Rig #: 5
TD: 7315 on 09/01/1995 PB: 7125

Elev: 6813KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	1918	4895	L H	Point Lookout	4863	1950	L H
Kirtland	2131	4682	L H	Mancos	5097	1716	L H
Fruitland	2378	4435	L H	Gallup	5975	838	L H
Pictured Cliffs	2596	4217	L H	Juana Lopez	6508	305	L H
Lewis	2730	4083	L H	Greenhorn	6825	-12	L H
Huerfanito bent	2991	3822	L H	Graneros	6889	-76	L H
Chacra	3452	3361	L H	Dakota	6980	-167	L H
Cliff House	4144	2669	L H	Morrison	7256	-443	L H
Menefee	4217	2596	L H				

DDC : 25S Blanco (miles from the nearest city)
Casing: 8 5/8 @ 398 w/257
5 1/2 @ 7315 w/1738
Mud : 9.2# @ 7315
pH 8, Fluid loss 14 cc
Core : None
DST : None rptd
Logs : 09/02/95 Schlumberger AIT @ 2400-7311, ML @ 2400-7266.
09/03/95 Schlumberger DSI TEMP @ 398-7297, NPL LDT @ 398-7307.
10/28/95 Basin GR @ 100-7308. cased hole
Tubing: (2 strings) 1 1/2 @ 7052 & 6466 w/pkr @ 6650
Perfs : 7290-7300 (Dakota)
- frac w/25000# sd 489 bbl 50# gel
7138-7178 (Dakota)
@ 7138-7164, 7168-7178 - frac w/21000# sd 745 bbl 35# gel - CIBP @ 7125
6932-7114 (Dakota)
@ 6932, 6936, 6940, 6951, 6997, 7017, 7041, 7044, 7050, 7062, 7064, 7067, 7076, 7079, 7082, 7109, 7114 - frac w/67000# 20/40 sd 46620 gal gel
6040-6513 (Gallup)
@ 6040, 6049, 6065, 6072, 6074, 6098, 6100, 6113, 6149, 6151, 6153, 6160, 6220, 6240, 6276, 6336, 6420, 6432, 6450, 6511, 6513 - frac w/39000# 20/40 DC sd 21475 gal 35# x-link gel
PZone :

Continued

State : New Mexico NM Merid 25N - 7W - 14 sw ne sw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Continued

PZone : (DUAL)
6040-6513 (Gallup)
gross interval
6932-7114 (Dakota)
gross interval

IP : (Gallup 6040-6513) F 5 BOPD; 50 MCFGPD; 1 BWPD; FTP 1455, SICP 1511
(Dakota 6932-7114) F 5 BOPD; 300 MCFGPD; 1 BWPD; FTP 1988

Journl: 9/6/95 surf csg set Aug 23.
9/7/95 rig rptd released Sept 6.
10/25/95 added log details.
11/14/95 press tstg csg Oct 28 per sundry, prep to PERF.
12/16/95 perf logs details added.
1/23/96 completed gas well, SI.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 447

WELL INFORMATION:

LOCATION	025N007W24G		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	DEVILS FORK GALLUP (AS		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	9/ 5/95		
COMP DATE	1/ 7/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	316.00	M
PAYOUT YEARS		3.41	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1997	48.87	2.17	0.00	4.03	0.00	4.03
1998	39.59	1.34	0.00	4.03	0.00	4.03
1999	34.75	1.46	0.00	4.03	0.00	4.03
2000	27.81	1.22	0.00	4.03	0.00	4.03
2001	22.95	1.01	0.00	4.03	0.00	4.03
2002	18.95	0.83	0.00	4.03	0.00	4.03
2003	15.64	0.69	0.00	4.03	0.00	4.03
2004	12.91	0.57	0.00	4.03	0.00	4.03
2005	4.69	0.21	0.00	1.68	0.00	1.68

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 447

WELL INFORMATION:

LOCATION	025N007W24G			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	DEVILS FORK GALLUP (ASSOCI			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	9/ 5/95			
COMP DATE	1/ 7/96			
FIRST GAS				
COMM GWI	100.00 %	MOI GWI	100.00 %	
COMM NRI	87.50 %	MOI NRI	85.00 %	

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

AVERAGE HEAT CONTENT

1,233 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	316.00 M
PAYOUT YEARS		3.4

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-179566-0 Original
Copyright 1998 Rockies Run Date: 25-Jun-98

State : New Mexico NM Merid 25N - 7W - 24 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Well: CANYON LARGO UNIT #447 Last Info: 01/23/1996
Ftg: 1510 fnl 1615 fel
Lat-Long by TDG: 36.388123 - 107.522110
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7330 Dakota Permit #: 01/16/1995 API: 30-039-2548000
Elev: 6928KB

Spud: 09/05/1995 Contr: Walters Rig #: 5
TD: 7437 on 09/16/1995 PB: 7383

Elev: 6928KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2229	4699	L H	Point Lookout	4996	1932	L H
Kirtland	2286	4642	L H	Mancos	5213	1715	L H
Fruitland	2532	4396	L H	Gallup	6101	827	L H
Pictured Cliffs	2737	4191	L H	Juana Lopez	6631	297	L H
Lewis	2860	4068	L H	Greenhorn	6947	-19	L H
Huerfanito bent	3128	3800	L H	Graneros	7002	-74	L H
Chacra	3594	3334	L H	Dakota	7099	-171	L H
Cliff House	4296	2632	L H	Morrison	7365	-437	L H
Menefee	4388	2540	L H				

DDC : 24S Blanco (miles from the nearest city)
Casing: 9 5/8 @ 404 w/336
5 1/2 @ 7437 w/1221
Mud : 9.3# @ 7437
pH 7.5, Fluid loss 12 cc
Core : 7047-7355 (Graneros/Dakota) Sidewall
- no details
DST : None rptd
Logs : 09/18/95 Schlumberger NPL LDT @ 2500-7430, AIT ML @ 2500-7433, DSI TEMP NGS @ 4100-7421.
09/20/95 Schlumberger FMS @ 7000-7434.
10/21/95 Basin GR @ 100-7383. cased hole
Tubing: (2 strings) 1 1/2 @ 7352 & 6632 w/pkr @ 6740
Perfs : 7348-7374 (Dakota)
@ 7348-7362, 7368-7374 - frac w/12000# sd 290 bbl gel 471000 SCF N2
7254-7286 (Dakota)
- frac w/25000# sd 479 bbl gel
7046-7239 (Dakota)
- frac w/85000# sd 55425 gal gel
6502-6638 (Gallup)
@ 6502, 6506, 6525, 6537, 6546, 6555, 6616, 6632, 6635, 6638 - frac w/25000# 20/40 DC sd 18135 gal 35# gel
6084-6398 (Gallup)
@ 6084, 6152, 6167, 6176, 6180, 6186, 6190, 6203, 6212, 6218, 6225,

State : New Mexico NM Merid 25N - 7W - 24 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Continued

Perfs : 6233, 6238, 6244, 6254, 6262, 6267, 6274, 6279, 6338, 6359, 6383, 6398
- frac w/87000# 20/40 DC sd 60600 gal 35# gel

PZone :

(DUAL)
6084-6638 (Gallup)
gross interval
7046-7374 (Dakota)
gross interval

IP : (Gallup 6084-6638) F 5 BOPD; 100 MCFGPD; 1 BWPD; FTP 1548, SICP 1550
(Dakota 7046-7374) F 5 BOPD; 250 MCFGPD; 5 BWPD; FTP 222

Journl: 9/7/95 rig rptd on site Sept 6.
9/27/95 surf csg set Sept 5.
9/28/95 rig rptd released Sept 25.
11/8/95 added log details.
12/16/95 perf log details added.
1/23/96 completed gas well, SI.

BURLINGTON RESOURCES

SAN JUAN DIVISION

July 8, 1998

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit (14-08-001-1059)
Commercial Determinations
Pictured Cliffs Formation
Rio Arriba County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the Canyon Largo Unit Agreement, #14-08-001-1059, approved, September 18, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that some of the wells listed below are capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation. Burlington is seeking confirmation of the paying well determinations enclosed.

BR's DP No.	Well Name & Number	Well Dedication	Dedicated Lease	Completion Date	Commericality Determination
44264A	Canyon Largo Unit #275	W/2 15-25N-7W	NMSF-078880	09/15/77	Non-Commercial
52321C	Canyon Largo Unit #144	W/2 17-25N-6W	NMSF-078882	02/17/94	Commercial

Upon receipt of response from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules will be prepared and submitted.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,

Marian L. Wimsatt

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.1
cc: James Strickler

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon/Pattie A. B. Lundell/ Linda J. L. Lindsey /Susan B. Porter/Carolyn B. Tilley/James R. Beamon/Sheryl A. Lundell/Sharon Beamon Burns /Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell
Bolack Minerals Company
Burlington Resources Oil & Gas Company
Burton & Hawks Oil Company
Catherine W. Fikes
Christine T. Willins
Cinco General Partnership
Conoco Inc.
Dugan Production Corporation
Fisher Mays, Inc.
Four Star Oil & Gas Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Hugh McMillan Trust
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Merrion Oil & Gas Corporation
Minel, Inc.
Richard T. C. Tulley
Robert L. Bayless
Rodney P. Calvin
Speerex Limited Partnership
States, Inc.
Steven S. Dunn
Sylvia F. Little Trust
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Wynn-Crosby 1994, Ltd.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 275

WELL INFORMATION:

LOCATION	025N007W15L		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BALLARD PICTURED CLIFF		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	3/26/76		
COMP DATE	11/ 4/77		
FIRST GAS	1/ 9/78		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	11/15/77
WHSIP	446.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	43.00	M
PAYOUT YEARS		5.25	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1978	3.32	0.00	0.00	2.70	0.00	2.70
1978	3.32	0.00	0.00	2.70	0.00	2.70
1978	3.32	0.00	0.00	2.70	0.00	2.70
1979	4.26	0.00	0.00	3.60	0.00	3.60
1979	4.26	0.00	0.00	3.60	0.00	3.60
1979	4.26	0.00	0.00	3.60	0.00	3.60
1980	4.07	0.00	0.00	3.60	0.00	3.60
1980	4.07	0.00	0.00	3.60	0.00	3.60
1980	4.07	0.00	0.00	3.60	0.00	3.60
1981	3.89	0.00	0.00	3.60	0.00	3.60
1981	3.89	0.00	0.00	3.60	0.00	3.60
1981	3.89	0.00	0.00	3.60	0.00	3.60
1982	3.72	0.00	0.00	3.60	0.00	3.60
1982	3.72	0.00	0.00	3.60	0.00	3.60
1982	3.72	0.00	0.00	3.60	0.00	3.60
1983	0.87	0.00	0.00	0.90	0.00	0.90

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 275

WELL INFORMATION:

LOCATION	025N007W15L				
COUNTY	RIO ARRIBA				
STATE	NM				
FORMATION	BALLARD PICTURED CLIFFS (GA				
OPERATOR	BURLINGTON RESOURCES				
SPUD DATE	3/26/76				
COMP DATE	11/ 4/77				
FIRST GAS	1/ 9/78				
COMM GWI	100.00	%	MOI GWI	100.00	%
COMM NRI	87.50	%	MOI NRI	85.00	%

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,219 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	43.00	M
PAYOUT YEARS		5.2	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
0.81	12/77
0.99	12/78
1.37	12/79
1.76	12/80
2.13	12/81
2.45	12/82
2.68	12/83
2.71	12/84

State : New Mexico NM Merid 25N - 7W - 15 nw sw

County: RIO ARRIBA Oper: EL PASO NATURAL GAS CO

Field : BALLARD PC Compl: 09/15/1977 D D SUSP

Well: CANYON LARGO UNIT #275 Last Info: 02/25/1988
Ftg: 1650 fsl 790 fwl
Lat-Long by TDG: 36.397644 - 107.566940
Oper Address: PO Box 4289, Farmington NM 87499 - 505/325-2841
Obj: 2710 Pictured Cliffs Permit #: 06/28/1974 API: 30-039-2094700
Elev: 6808GR

Spud: 03/26/1976
TD: 2707 PB: 2696

Elev: 6808GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Pictured Cliffs	2554	4254	L T				

Notes :

<< State Records >>
Casing: 8 5/8 @ 122 - 2 7/8 @ 2707
Core : None
Logs : IEL CDL GR TS
Perfs : 2583-2668
w/1 SPZ - treat w/4400 lb sd 43974 gals W
PZone : 2583-2668 (Pictured Cliffs)
IP : 337 AOF 335 MCFPD SICP 434 PSI After 10 Days

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 144

WELL INFORMATION:

LOCATION	025N006W17D		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BALLARD PICTURED CLIFF		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	10/21/69		
COMP DATE	2/17/94		
FIRST GAS	4/22/94		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	177.00	M
PAYOUT YEARS		3.93	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1995	47.63	0.00	0.00	3.30	0.00	3.30
1996	39.32	0.00	0.00	3.60	0.00	3.60
1997	33.52	0.00	0.00	3.60	0.00	3.60
1998	30.05	0.00	0.00	3.60	0.00	3.60
1999	23.70	0.00	0.00	3.60	0.00	3.60
2000	20.98	0.00	0.00	3.60	0.00	3.60
2001	19.29	0.00	0.00	3.60	0.00	3.60
2002	17.92	0.00	0.00	3.60	0.00	3.60
2003	16.78	0.00	0.00	3.60	0.00	3.60
2004	15.81	0.00	0.00	3.60	0.00	3.60
2005	14.98	0.00	0.00	3.60	0.00	3.60

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 144

WELL INFORMATION:

LOCATION	025N006W17D			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BALLARD PICTURED CLIFFS (GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	10/21/69			
COMP DATE	2/17/94			
FIRST GAS	4/22/94			
COMM GWI	100.00 %	MOI GWI	100.00 %	
COMM NRI	87.50 %	MOI NRI	85.00 %	

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

AVERAGE HEAT CONTENT

1,149 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	177.00 M
PAYOUT YEARS		3.9

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-968983-2 Plug Back
Copyright 1998 Rockies Run Date: 26-Jun-98

State : New Mexico NM Merid 25N - 6W - 17 se nw nw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : UNNAMED PC Compl: 02/17/1994 D G GAS

Well: CANYON LARGO UNIT #144 Last Info: 09/06/1994
Ftg: 850 fnl 990 fwl
Lat-Long by TDG: 36.404190 - 107.495316
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: Pictured Cliffs Permit #: 11/15/1984 API: 30-039-2027000
Elev: 6858GR

Spud:
TD: 7460 PB: 2900

Notes :

Tubing: 2 3/8 @ 2854
Perfs : 2822-2860 (Pictured Cliffs)
w/2 SPF - frac'd w/sd & foam
PZone : 2822-2860 (Pictured Cliffs)
IP : (Pictured Cliffs 2822-2860) CAOF 1265 MCFGPD -- F 1146 MCFGPD on 3/4 ck; One Point: 1146 MCFGPD in 180 min, FTP 75
Journl: 3/16/94 recompleted gas well.

BURLINGTON RESOURCES

SAN JUAN DIVISION

July 8, 1998

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit (14-08-001-1059)
Commercial Determinations
Mesaverde Formation
Rio Arriba County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the Canyon Largo Unit Agreement, #14-08-001-1059, approved, September 18, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that some of the wells listed below are capable of producing unitized substances in paying quantities from the Mesaverde Formation. Burlington is seeking confirmation of the paying well determinations enclosed.

BR's DP No.	Well Name & Number	Well Dedication	Dedicated Lease	Completion Date	Commericality Determination
37446A	Canyon Largo Unit #388	ALL 03-25N-6W	NMSF-078885	02/25/94	Non-Commercial
35662B	Canyon Largo Unit #239E	W/2 01-25N-6W	NMSF-078885	01/27/96	Commercial
35671B	Canyon Largo Unit #287M	W/2 03-25N-6W	NMSF-078885	02/07/96	Commercial

Upon receipt of response from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules will be prepared and submitted.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.2
cc: James Strickler

3535 East 30th St., 87402-8801. P.O. Box 4289. Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon/Pattie A. B. Lundell/ Linda J. L. Lindsey /Susan B. Porter/Carolyn B. Tilley/James R. Beamon/Sheryl A. Lundell/Sharon Beamon Burns /Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell
Bolack Minerals Company
Burlington Resources Oil & Gas Company
Burton & Hawks Oil Company
Catherine W. Fikes
Christine T. Willins
Cinco General Partnership
Conoco Inc.
Dugan Production Corporation
Fisher Mays, Inc.
Four Star Oil & Gas Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Hugh McMillan Trust
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Merrion Oil & Gas Corporation
Minel, Inc.
Richard T. C. Tulley
Robert L. Bayless
Rodney P. Calvin
Speerex Limited Partnership
States, Inc.
Steven S. Dunn
Sylvia F. Little Trust
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Wynn-Crosby 1994, Ltd.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 388

WELL INFORMATION:

LOCATION	025N006W03K		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BLANCO MESAVERDE (PRO		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	8/27/93		
COMP DATE	2/24/94		
FIRST GAS	9/29/94		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	303.00	M
PAYOUT YEARS		4.17	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1995	2.38	0.00	0.00	2.40	0.00	2.40
1996	0.03	0.00	0.00	3.60	0.00	3.60
1999	0.24	0.00	0.00	0.60	0.00	0.60

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 388

WELL INFORMATION:

LOCATION	025N006W03K			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BLANCO MESAVERDE (PRORAT			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	8/27/93			
COMP DATE	2/24/94			
FIRST GAS	9/29/94			
COMM GWI	100.00 %	MOI GWI	100.00 %	
COMM NRI	87.50 %	MOI NRI	85.00 %	

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

AVERAGE HEAT CONTENT

1,079 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	303.00 M
PAYOUT YEARS		4.1

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-172573-0 Original
Copyright 1998 Rockies Run Date: 26-Jun-98

State : New Mexico NM Merid 25N - 6W - 3 nw ne sw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : BLANCO MV Compl: 11/30/1993 D D D&A

Well: CANYON LARGO UNIT #388 Last Info: 09/19/1994
Ftg: 2040 fsl 1625 fwl
Lat-Long by TDG: 36.426636 - 107.457672
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7927 Mesaverde Permit #: 06/14/1993 API: 30-039-2527700
Elev: 6741GR

Spud: 08/27/1993 Contr: Four Corners Rig #: 16
TD: 5404 on 09/14/1993

Elev: 6741GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2158	4583	L H	Mesaverde	4515	2226	L H
Kirtland	2390	4351	L H	Menefee	4530	2211	L H
Fruitland	2615	4126	L H	Point Lookout	5073	1668	L H
Pictured Cliffs	2855	3886	L H				

BHLoc : PROPOSED: 2640 fsl 790 fel w/2 e/2 e/2; (TVD: 5166)
ACTUAL @ TD: 2462 fsl 683 fel nw ne se; (TVD: 5100)
Casing: 9 5/8 @ 226 w/236
7 @ 5335 w/1753
Core : 5359-5719 Sidewall
5359; 5360; 5449; 5450; 5476; 5478; 5479; 5480; 5599; 5600; 5649; 5650;
5719 - no details rptd
Logs : 09/14/93 gr.
Tubing: 2 7/8 @ 5229
Perfs : 5190-5196 (Mesaverde)
- natural
IP : PROD TEST (Mesaverde 5190-5196 11/30/93) 3 hr test: -- F GTSTM
Journl: 8/23/93 rigging up, per operator.
8/31/93 drlg ahead, per operator.
9/21/93 drlg ahead, per operator.
10/7/93 WOCT, per operator.
9/19/94 dry & abandoned.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 239E

WELL INFORMATION:

LOCATION	025N006W01F		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BLANCO MESAVERDE (PRO		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	12/17/95		
COMP DATE	1/27/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	313.00	M
PAYOUT YEARS		0.94	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1997	201.52	1.12	0.00	3.00	0.00	3.00
1998	159.73	0.86	0.00	3.60	0.00	3.60
1999	142.42	0.72	0.00	3.60	0.00	3.60
2000	135.03	0.68	0.00	3.60	0.00	3.60
2001	121.56	0.61	0.00	3.60	0.00	3.60
2002	109.44	0.55	0.00	3.60	0.00	3.60
2003	98.53	0.49	0.00	3.60	0.00	3.60
2004	88.70	0.44	0.00	3.60	0.00	3.60
2005	79.86	0.40	0.00	3.60	0.00	3.60

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 239E

WELL INFORMATION:

LOCATION	025N006W01F			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BLANCO MESAVERDE (PRORAT			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	12/17/95			
COMP DATE	1/27/96			
FIRST GAS				
COMM GWI	100.00 %	MOI GWI	100.00 %	
COMM NRI	87.50 %	MOI NRI	85.00 %	

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

AVERAGE HEAT CONTENT

1,255 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	313.00	M
PAYOUT YEARS		0.9	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-181718-0 Original
Copyright 1998 Rockies Run Date: 26-Jun-98

State : New Mexico NM Merid 25N - 6W - 1 nw se nw

County: RIO ARRIBA Oper: MERIDIAN OIL PROD INC

Field : BLANCO MV/BASIN DK Compl: 01/27/1996 D G GAS

Well: CANYON LARGO UNIT #239E Last Info: 02/23/1996
Ftg: 1785 fnl 1455 fwl
Lat-Long by TDG: 36.430893 - 107.422226
Cper Address: PO Box 4289, Farmington NM 87499 - 505/326-9700
Obj: 7485 Dakota Permit #: 09/07/1995 API: 30-039-2554900
Elev: 6687KB

Spud: 12/17/1995 Contr: Walters Rig #: 5
TD: 7508 on 12/28/1995 PB: 7460

Elev: 6687KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Nacimiento	746	5941	L H	Menefee	4510	2177	L H
Ojo Alamo	2242	4445	L H	Point Lookout	5057	1630	L H
Kirtland	2408	4279	L H	Mancos	5391	1296	L H
Fruitland	2627	4060	L H	Gallup	6210	477	L H
Pictured Cliffs	2843	3844	L H	Juana Lopez	6668	19	L H
Lewis	2982	3705	L H	Greenhorn	6972	-285	L H
Huerfanito bent	3256	3431	L H	Graneros	7026	-339	L H
Chacra	3721	2966	L H	Dakota	7138	-451	L H
Cliff House	4502	2185	L H	Morrison	7392	-705	L H

Casing: 8 5/8 @ 396 w/350
5 1/2 @ 7502 w/1775
Mud : 9.0# @ 1975
9.2# @ 2450
9.0# @ 4379
9.1# @ 4915
9.0# @ 5375
9.1# @ 5915
Core : None
DST : None rptd
Logs : 12/28/95 Halliburton SDL DSN @ 396-7489, CSNG @ 3670-7496, HRI ML SP GR LFD EMI @ @3670-7496.
Tubing: (2 strings) 1 1/2 @ 5360 & 7320 w/pkr @ 5410
Perfs : 7304-7330 (Dakota)
- frac w/25800# Econoprop 20/40 sd 431 bbl 35# x-link gel
7081-7259 (Dakota)
@ 7081, 7093, 7176, 7178, 7180, 7182, 7184, 7186, 7190, 7192, 7217, 7219, 7223, 7225, 7259 - frac w/1231 bbl 35# linear gel 105000# 20/40 Ottawa sd
5099-5373 (Mesaverde)
@ 5099, 5101, 5106, 5110, 5130, 5132, 5140, 5144, 5148, 5155, 5159, 5161, 5169, 5198, 5200, 5202, 5207, 5268, 5273, 5330, 5352, 5373
- frac w/3523 bbl slk wtr 154500# 20/40 Arizona sd
PZone :

State : New Mexico NM Merid 25N - 6W - 1 nw se nw

County: RIO ARRIBA Oper: MERIDIAN OIL PROD INC

Field : BLANCO MV/BASIN DK Compl: 01/27/1996 D G GAS

Continued

PZone : (DUAL)
5099-5373 (Mesaverde)
gross interval
7081-7330 (Dakota)
gross interval

IP : (Mesaverde 5099-5373) F 2510 MCFGPD; FTP 859, SICP 1089
(Dakota 7081-7330) F 514 MCFGPD; FTP 2082

Journl: 12/20/95 drlg & sur below 1975.
1/2/96 drlg @ 7175.
1/5/96 rig rptd released Jan 3.
1/17/96 csg details added per sundry.
1/31/96 added log details.
1/22/96 fracing perfs Jan 10.
2/7/96 flw tstg Jan 23.
2/23/96 completed gas well, SI.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 287M

WELL INFORMATION:

LOCATION	025N006W03E		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BLANCO MESAVERDE (PRO		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	12/31/95		
COMP DATE	2/ 7/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	S	313.00	M
PAYOUT YEARS		6.21	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1997	37.66	0.61	0.00	3.30	0.00	3.30
1998	28.93	0.34	0.00	3.60	0.00	3.60
1999	23.99	0.31	0.00	3.60	0.00	3.60
2000	21.48	0.30	0.00	3.60	0.00	3.60
2001	19.50	0.27	0.00	3.60	0.00	3.60
2002	18.02	0.25	0.00	3.60	0.00	3.60
2003	16.86	0.23	0.00	3.60	0.00	3.60
2004	15.91	0.22	0.00	3.60	0.00	3.60
2005	15.03	0.21	0.00	3.60	0.00	3.60

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/26/98

FOR LEASE: CANYON LARGO UNIT # 287M

WELL INFORMATION:

LOCATION	025N006W03E			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BLANCO MESAVERDE (PRORAT			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	12/31/95			
COMP DATE	2/ 7/96			
FIRST GAS				
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,292 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	313.00	M
PAYOUT YEARS		6.2	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-182294-0 Original
Copyright 1998 Rockies Run Date: 26-Jun-98

State : New Mexico NM Merid 25N - 6W - 3 ne sw nw

County: RIO ARRIBA Oper: MERIDIAN OIL PROD INC

Field : BLANCO MV/BASIN DK Compl: 02/07/1996 D G GAS

Well: CANYON LARGO UNIT #287M Last Info: 06/03/1996
Ftg: 1770 fnl 1175 fwl
Lat-Long by TDG: 36.430618 - 107.459198
Oper Address: PO Box 4289, Farmington NM 87499 - 505/326-9700
Obj: 7550 Mesaverde/Dakot Permit #: 11/08/1995 API: 30-039-2555000
Elev: 6744KB

Spud: 12/31/1995 Contr: Walters Rig #: 5
TD: 7505 on 01/12/1996

Elev: 6744KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2144	4600	L H	Point Lookout	5056	1688	L H
Kirtland	2358	4386	L H	Mancos	5322	1422	L H
Fruitland	2666	4078	L H	Gallup	6232	512	L H
Pictured Cliffs	2847	3897	L H	Juana Lopez	6684	60	L H
Lewis	2976	3768	L H	Greenhorn	7000	-256	L H
Huerfanito bent	3257	3487	L H	Graneros	7054	-310	L H
Chacra	3722	3022	L H	Dakota	7146	-402	L H
Cliff House	4483	2261	L H	Morrison	7438	-694	L H
Menefee	4521	2223	L H				

Casing: 8 5/8 @ 399 w/415
5 1/2 @ 7498 w/1650
Mud : 9# @ 1950
9.1# @ 3265
9# @ 4825
9.1# @ 6466
Core : None
DST : None rptd
Logs : 01/13/96 Schlumberger LDL DCL, AIT ML SP GR IPL FMI CMR.
01/27/96 Petro WL GR @ 0-7442. Cased hole:
Tubing: (2 Strings) 1 1/2 @ 5299 & 7438 w/pkr @ 5350
Perfs : 7424-7438 (Dakota)
- frac w/5500# 20/40 sd 3528 gal gel 239000 SCF N2
7350-7370 (Dakota)
- no treatment rptd
7107-7297 (Dakota)
@ 7107, 7110, 7188, 7193, 7197, 7205, 7215, 7218, 7231, 7234, 7239, 7243, 7248, 7266, 7270, 7274, 7278, 7281, 7297 - frac w/87000# 20/40 DC sd 1060 bbl 35# x-link gel
5088-5292 (Mesaverde)
@ 5088, 5092, 5093, 5098, 5101, 5125, 5136, 5143, 5152, 5156, 5160, 5163, 5182, 5200, 5204, 5207, 5216, 5249, 5268, 5277, 5292 - frac w/92000# 20/40 Arizona sd 1513 bbl 35# x-link gel
PZone :

State : New Mexico NM Merid 25N - 6W - 3 ne sw nw

County: RIO ARRIBA Oper: MERIDIAN OIL PROD INC

Field : BLANCO MV/BASIN DK Compl: 02/07/1996 D G GAS

Continued

PZone : (DUAL)
5088-5292 (Mesaverde)
gross interval
7107-7438 (Dakota)
gross interval

IP : (Mesaverde 5088-5292) F 2 BOPD; 217 MCFGPD; 18 BWPD; FTP 315, SICP 1079
(Dakota 7107-7438) F 2 BOPD; 2148 MCFGPD; 28 BWPD; FTP 1771

Journl: 1/5/96 rig rptd on site Jan 3.
1/10/96 drlg @ 5880 Jan 9.
1/17/96 surf csg set Dec 31 per sundry.
1/19/96 rig rptd released Jan 16.
1/24/96 csg details added per sundry.
2/7/96 flw tstg as of Jan 30.
2/17/96 still tstg as of Feb 6.
2/23/96 (well name chngd from Canyon Largo Unit #287E) per sundry; completed gas well, SI.
3/5/96 added log details.

BURLINGTON RESOURCES

SAN JUAN DIVISION

July 7, 1998

RECEIVED JUL 10 1998

Bureau of Land Management
Farmington Resource Area
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

State of New Mexico
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico
Oil Conservation Division
Attn: Ms. Lori Wrotenbery
2040 South Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit (14-08-001-1059)
Commercial Determinations
Dakota Formation
Rio Arriba County, New Mexico

Gentlemen:

Pursuant to the provisions of Section 11(a) of the Canyon Largo Unit Agreement, #14-08-001-1059, approved, September 18, 1953, Burlington Resources Oil & Gas Company, as Operator, has determined that some of the wells listed below are capable of producing unitized substances in paying quantities from the Dakota Formation. Burlington is seeking confirmation of the paying well determinations enclosed.

BR's DP No.	Well Name & Number	Well Dedication	Dedicated Lease	Completion Date	Commericality Determination
39885A	Canyon Largo Unit #431	E/2 14-25N-7W	NMSF-078880	07/01/94	Commercial
39884A	Canyon Largo Unit #425	S/2 10-25N-7W	NMSF-078880	08/01/94	Non-Commercial
39883A	Canyon Largo Unit #415	E/2 19-25N-6W	NMSF-078882	08/10/94	Non-Commercial
39886A	Canyon Largo Unit #434	W/2 20-24N-6W	NMSF-078886	10/05/94	Non-Commercial
34903B	Canyon Largo Unit #409	E/2 15-25N-6W	NMSF-078884	10/14/94	Commercial
57493A	Canyon Largo Unit #427	W/2 11-25N-7W	NMSF-078881	11/19/95	Non-Commercial
57492A	Canyon Largo Unit #428	E/2 13-25N-7W	NMSF-078880	12/10/95	Commercial
57495A	Canyon Largo Unit #430	W/2 14-25N-7W	NMSF-078880	01/07/96	Non-Commercial
57494A	Canyon Largo Unit #447	E/2 24-25N-7W	NMSF-078879	01/07/96	Non-Commercial

Upon receipt of response from the Bureau of Land Management and concurring responses from the Commissioner of Public Lands and New Mexico Oil Conservation Division, the formal Participating Area Schedules will be prepared and submitted.

Copies of this letter are being sent to the working interest owners on the attached sheet. If you have any questions or need any additional information, please contact the undersigned at (505) 326-9860.

Very truly yours,

Marian L. Wimsatt

Marian L. Wimsatt, CPLTA
Land Analyst

MLW:ll
Canyon Largo Unit, 4.3
cc: James Strickler

3535 East 30th St.: 87402-8801. P.O. Box 4289. Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon/Pattie A. B. Lundell/ Linda J. L. Lindsey /Susan B. Porter/Carolyn B. Tilley/James R. Beamon/Sheryl A. Lundell/Sharon Beamon Burns /Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell
Bolack Minerals Company
Burlington Resources Oil & Gas Company
Burton & Hawks Oil Company
Catherine W. Fikes
Christine T. Willins
Cinco General Partnership
Conoco Inc.
Dugan Production Corporation
Fisher Mays, Inc.
Four Star Oil & Gas Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Hugh McMillan Trust
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Merrion Oil & Gas Corporation
Minel, Inc.
Richard T. C. Tulley
Robert L. Bayless
Rodney P. Calvin
Speerex Limited Partnership
States, Inc.
Steven S. Dunn
Sylvia F. Little Trust
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Wynn-Crosby 1994, Ltd.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 431

WELL INFORMATION:

LOCATION	025N007W14G		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	5/ 9/94		
COMP DATE	7/11/94		
FIRST GAS	9/13/94		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		3.03	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1995	126.69	6.22	0.00	5.50	0.00	5.50
1996	118.14	3.43	0.00	6.00	0.00	6.00
1997	98.87	1.81	0.00	6.00	0.00	6.00
1998	113.95	1.59	0.00	6.00	0.00	6.00
1999	94.37	2.69	0.00	6.00	0.00	6.00
2000	89.66	2.56	0.00	6.00	0.00	6.00
2001	85.17	2.43	0.00	6.00	0.00	6.00
2002	80.91	2.31	0.00	6.00	0.00	6.00
2003	76.87	2.19	0.00	6.00	0.00	6.00
2004	73.03	2.08	0.00	6.00	0.00	6.00
2005	69.37	1.98	0.00	6.00	0.00	6.00

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 431

WELL INFORMATION:

LOCATION	025N007W14G			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	5/ 9/94			
COMP DATE	7/11/94			
FIRST GAS	9/13/94			
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,197 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		3.0	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

State : New Mexico NM Merid 25N - 7W - 14 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : BASIN DK Compl: 07/11/1994 D G GAS

Well: CANYON LARGO UNIT #431 Last Info: 03/21/1995
Ftg: 1475 fnl 1340 fel
Lat-Long by TDG: 36.402954 - 107.538773
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 6960 Dakota Permit #: 03/23/1994 API: 30-039-2538600
Elev: 6968KB

Spud: 05/09/1994
TD: 6955 on 05/23/1994

Elev: 6968KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	1610	5358	L H	Menefee	3930	3038	L H
Kirtland	1740	5228	L H	Gallup	5650	1318	L H
Fruitland	2240	4728	L H	Greenhorn	6500	468	L H
Pictured Cliffs	2350	4618	L H	Dakota	6605	363	L H
Lewis	2410	4558	L H	Morrison	6910	58	L H
Cliff House	3840	3128	L H				

Notes :
Casing: 8 5/8 @ 240 w/248
5 1/2 @ 6955 w/1505
Core : 6845-6875
cut 30 rec 1.
DST : None rptd
Logs : 05/21/94 Schlumberger CNL LDT @ 1550-6951, ML @ 1900-6925, IL ML CAL NGT @ @1900-6925.
Tubing: 2 3/8 @ 6843
Perfs : 6635-6815 (Dakota)
- frac w/100000# 20/40 Arizona sd 80490 gal 35# x-link gel
PZone : 6635-6815 (Dakota)
IP : (Dakota 6635-6815) F 10 BOPD; 687 MCFGPD; SICP 2200
Journl: 6/1/94 set surf csg May 9.
11/29/94 completed, no further details available.
1/30/95 completed gas well, SI.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 425

WELL INFORMATION:

LOCATION	025N007W10M		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	6/10/94		
COMP DATE	8/ 9/94		
FIRST GAS	12/29/94		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		9.42	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1995	23.73	1.73	0.00	4.50	0.00	4.50
1996	38.31	0.76	0.00	6.00	0.00	6.00
1997	17.90	0.41	0.00	6.00	0.00	6.00
1998	14.35	0.34	0.00	6.00	0.00	6.00
1999	13.58	0.47	0.00	6.00	0.00	6.00
2000	11.79	0.41	0.00	6.00	0.00	6.00
2001	10.24	0.35	0.00	6.00	0.00	6.00
2002	8.89	0.31	0.00	6.00	0.00	6.00
2003	7.72	0.27	0.00	6.00	0.00	6.00
2004	2.80	0.10	0.00	2.50	0.00	2.50

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 425

WELL INFORMATION:

LOCATION	025N007W10M			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	6/10/94			
COMP DATE	8/ 9/94			
FIRST GAS	12/29/94			
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,286 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		9.4	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

State : New Mexico NM Merid 25N - 7W - 10 ne sw sw

County: RIO ARRIBA Oper: MERIDIAN OIL PROD INC

Field : BASIN DK Compl: 09/01/1994 D G GAS

Well: CANYON LARGO UNIT #425 Last Info: 01/25/1995
Ftg: 880 fsl 790 fwl
Lat-Long by TDG: 36.409943 - 107.567154
Oper Address: PO Box 4289, Farmington NM 87499 - 505/326-9700
Obj: 8335 Dakota Permit #: 03/17/1994 API: 30-039-2536700
Elev: 6848KB

Spud:
TD: 7323 PB: 7278

DDC : 16 Counselors (miles from the nearest city)
Casing: 5 1/2 @ 7322 w/731
Logs : 06/12/94 Basin GR @ 100-7273.
06/23/94 Schlumberger AIT GR @ 225-7310, Sonic @ 6000-7300.
Tubing: 2 3/8 @ 6905
Perfs : 7021-7246 (Dakota)
- no treatment rptd
PZone : 7021-7246 (Dakota)
IP : (Dakota 7021-7246) CAOF 2339 MCFGPD -- F SITP 1790, SLOPE 0.750 One Point: 2113 MCFGPD in 60 min, FTP 175
Journl: 7/13/94 prod csg set June 25.
8/14/94 added log details.
9/21/94 completed gas well.
1/25/95 completed gas well, details added.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 415

WELL INFORMATION:

LOCATION	025N006W19G		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	5/24/94		
COMP DATE	8/ 9/94		
FIRST GAS	12/29/94		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		6.25	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1995	8.98	1.03	0.00	4.50	0.00	4.50
1996	6.34	0.42	0.00	6.00	0.00	6.00
1997	4.71	0.24	0.00	6.00	0.00	6.00
1998	4.61	0.33	0.00	6.00	0.00	6.00
1999	4.63	0.38	0.00	6.00	0.00	6.00
2000	4.21	0.34	0.00	6.00	0.00	6.00
2001	0.99	0.08	0.00	1.50	0.00	1.50

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 415

WELL INFORMATION:

LOCATION	025N006W19G			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	5/24/94			
COMP DATE	8/ 9/94			
FIRST GAS	12/29/94			
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.2	%
CONSERVATION	NM	0.13	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,258 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		6.2	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

State : New Mexico NM Merid 25N - 6W - 19 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : BASIN DK Compl: 08/31/1994 D G GAS

Well: CANYON LARGO UNIT #415 Last Info: 01/04/1995
Ftg: 1795 fnl 1625 fel
Lat-Long by TDG: 36.387268 - 107.504623
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7360 Dakota Permit #: 03/16/1994 API: 30-039-2537900
Elev: 6810KB

Spud:
TD: 7332 on 06/08/1994 PB: 7282

Notes :
Casing: 5 1/2 @ 7332 w/1440
Mud : 9# @ 7332
Logs : 06/08/94 Schlumberger ML @ 1900-7292, AIT GR @ 244-7308, LDT CNL @ 1900-7318, GR TEMP @ 6800-7240.
Tubing: 2 3/8 @ 7150
Perfs : 6994-7138 (Dakota)
- no treatment rptd
PZone : 6994-7138 (Dakota)
IP : (Dakota 6994-7138) CAOF 802 MCFGPD -- F SITP 815, SICP 2350, SLOPE 0.750 One Point: 788 MCFGPD in 60 min, FTP 215
Journl: 6/29/94 drld to 7332 as of June 10.
9/21/94 completed gas well.
10/10/94 added log details.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 434

WELL INFORMATION:

LOCATION	024N006W20M		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	8/12/94		
COMP DATE	10/ 5/94		
FIRST GAS	12/29/94		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		12.33	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (MS)	TOTAL (M$)
1995	10.13	0.37	0.00	5.50	0.00	5 50
1996	5.88	0.15	0.00	6.00	0.00	6 00
1997	0.64	0.00	0.00	6.00	0.00	6 00
1998	7.68	0.24	0.00	6.00	0.00	6 00
1999	8.32	0.26	0.00	6.00	0.00	6 00
2000	7.49	0.24	0.00	6.00	0.00	6 00
2001	6.74	0.21	0.00	6.00	0.00	6 00
2002	6.07	0.19	0.00	6.00	0.00	6 00
2003	5.46	0.17	0.00	6.00	0.00	6 00
2004	4.91	0.16	0.00	6.00	0.00	6 00
2005	4.42	0.14	0.00	6.00	0.00	6 00

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 434

WELL INFORMATION:

LOCATION	024N006W20M			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	8/12/94			
COMP DATE	10/ 5/94			
FIRST GAS	12/29/94			
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.2	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,212 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		12.3	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-176279-0 Original
Copyright 1998 Rockies Run Date: 25-Jun-98

State : New Mexico NM Merid 24N - 6W - 20 ne sw sw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : BASIN DK Compl: 10/05/1994 D G GAS

Well: CANYON LARGO UNIT #434 Last Info: 05/04/1995
Ftg: 1190 fsl 1190 fwl
Lat-Long by TDG: 36.293533 - 107.496384
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 6700 Dakota Permit #: 05/09/1994 API: 30-039-2540200
Elev: 6611KB

Spud: 08/12/1994
TD: 6541 on 08/22/1994

Elev: 6611KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	1372	5239	L H	Point Lookout	4252	2359	L H
Kirtland	1534	5077	L H	Mancos	4555	2056	L H
Fruitland	1817	4794	L H	Gallup	5221	1390	L H
Pictured Cliffs	1962	4649	L H	Greenhorn	6176	435	L H
Huerfanito bent	2327	4284	L H	Graneros	6231	380	L H
Chacra	2895	3716	L H	Dakota	6266	345	L H
Cliff House	3544	3067	L H	Morrison	6518	93	L H
Menefee	3572	3039	L H				

Casing: 8 5/8 @ 222 w/235
5 1/2 @ 6534 w/838
Mud : 9.1# @ 6541
Core : None reported
DST : None rptd
Logs : 08/22/94 Schlumberger AIT GR @ 222-6520, ML @ 1400-6505, CNT LDT @ 1400-6531.
Tubing: 2 3/8 @ 6415
Perfs : 6396-6440 (Dakota)
- frac w/423 bbl 40# gel wtr 528419 SCF N2 60000# 16/30 sd
PZone : 6396-6440 (Dakota)
IP : (Dakota 6396-6440) 217 MCFGPD; SITP 2180, SICP 2190
Journl: 8/24/94 surf csg set Aug 12.
9/14/94 set prod csg, rig released as of Aug 24.
11/4/94 log details added.
11/8/94 completed gas well, SI.
5/4/95 completed gas well, SI, details added.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 409

WELL INFORMATION:

LOCATION	025N006W15B		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	7/28/94		
COMP DATE	10/14/94		
FIRST GAS	1/31/95		
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		4.32	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1995	134.81	0.88	0.00	5.00	0.00	5 00
1996	105.77	0.71	0.00	6.00	0.00	6 00
1997	80.93	0.58	0.00	6.00	0.00	6 00
1998	68.85	0.54	0.00	6.00	0.00	6 00
1999	60.78	0.42	0.00	6.00	0.00	6 00
2000	54.70	0.38	0.00	6.00	0.00	6 00
2001	49.68	0.34	0.00	6.00	0.00	6 00
2002	45.49	0.32	0.00	6.00	0.00	6 00
2003	41.95	0.29	0.00	6.00	0.00	6 00
2004	38.92	0.27	0.00	6.00	0.00	6 00
2005	36.29	0.25	0.00	6.00	0.00	6 00

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 409

WELL INFORMATION:

LOCATION	025N006W15B			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	7/28/94			
COMP DATE	10/14/94			
FIRST GAS	1/31/95			
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.13	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.35	%

AVERAGE HEAT CONTENT

1,124 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		4.3	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.31	12/94
0.95	12/95
1.57	12/96
2.03	TO LIFE

State : New Mexico NM Merid 25N - 6W - 15 sw ne ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : OTERO CHAC/BASIN DK Compl: 11/08/1994 D G GAS

Well: CANYON LARGO UNIT #409 Last Info: 12/15/1994
Ftg: 910 fnl 930 fel
Lat-Long by TDG: 36.404205 - 107.448502
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7280 Dakota Permit #: 04/13/1994 API: 30-039-2538500
Elev: 6660GR

Spud: 07/28/1994
TD: 7266 on 08/11/1994

Notes :

Casing: 8 5/8 @ 217 w/210
5 1/2 @ 7264 w/1429
Mud : 9.1# @ 7266
Core : None reported
DST : None rptd
Logs : 08/09/94 Schlumberger PHIL @ 222-7265, ML @ 2000-7208, CNL LDT @ 2000-7237.
Tubing: 1 1/2 @ 3714 & 7164
Perfs : 6946-7149 (Dakota)
- no treatment rptd
3557-3662 (Chacra)
- no treatment rptd
PZone :
(DUAL)
3557-3662 (Chacra)
6946-7149 (Dakota)
IP : (Chacra 3557-3662) CAOF 719 MCFGPD 3 hr test: -- F 425 MCFGPD on 48/64 ck; SITP 180
(Dakota 6946-7149) CAOF 3537 MCFGPD 3 hr test: -- F 3507 MCFGPD on 48/64 ck; SITP 2420
Journl: 8/10/94 surf csg set July 28.
8/31/94 WO completion.
11/22/94 completed gas well, SI.
12/15/94 log details added.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 427

WELL INFORMATION:

LOCATION	025N007W11N		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	9/22/95		
COMP DATE	11/19/95		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		5.17	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1996	35.28	1.25	0.00	6.00	0.00	6.00
1997	20.22	1.14	0.00	6.00	0.00	6.00
1998	14.89	0.54	0.00	6.00	0.00	6.00
1999	15.38	0.64	0.00	6.00	0.00	6.00
2000	12.49	0.52	0.00	6.00	0.00	6.00
2001	1.84	0.08	0.00	1.00	0.00	1.00

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 427

WELL INFORMATION:

LOCATION	025N007W11N			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	9/22/95			
COMP DATE	11/19/95			
FIRST GAS				
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,203 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		5.1	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
0.95	12/95
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-179186-0 Original
Copyright 1998 Rockies Run Date: 25-Jun-98

State : New Mexico NM Merid 25N - 7W - 11 ne se sw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : BALLARD Compl: 11/19/1995 D G GAS

Well: CANYON LARGO UNIT #427 Last Info: 04/11/1996
Ftg: 900 fsl 2215 fwl
Lat-Long by TDG: 36.409561 - 107.544586
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 6960 Permit #: 11/08/1994 API: 30-039-2548400
Elev: 6421KB

Spud: 09/22/1995 Contr: Walters Rig #: 5
TD: 6989 on 10/01/1995

Elev: 6421KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	1554	4867	L H	Point Lookout	4542	1879	L H
Kirtland	1780	4641	L H	Mancos	4771	1650	L H
Fruitland	2010	4411	L H	Gallup	5628	793	L H
Pictured Cliffs	2295	4126	L H	Juana Lopez	6198	223	L H
Lewis	2394	4027	L H	Greenhorn	6497	-76	L H
Huerfanito bent	2667	3754	L H	Graneros	6551	-130	L H
Chacra	3133	3288	L H	Dakota	6654	-233	L H
Cliff House	3837	2584	L H	Morrison	6936	-515	L H
Menefee	3934	2487	L H				

Casing: 8 5/8 @ 399 w/337
5 1/2 @ 6989 w/1843
Core : None reported
DST : None rptd
Logs : 11/06/95 Halliburton PET @ 300-6933, AIT ML SP GR IPL DSI FML @
@300-6933. cased hole:
Tubing: 2 3/8 @ 6893
Perfs : 6860-6932 (Dakota)
- frac w/1071 bbl 35# x-link gel 70000# 20/40 Econoprop
6603-6842 (Dakota)
- frac w/930 bbl 50# gel 80000# 20/40 Econoprop
PZone : 6603-6932 (Dakota)
gross interval
IP : (Dakota 6603-6932) F 464 MCFGPD; FTP 1987, SICP 2002
Journl: 9/28/95 rig rptd on site Sept 25.
10/3/95 surf csg set Sept 22.
10/11/95 rig rptd released Oct 10.
10/23/95 csg details added per sundry.
12/11/95 completed gas well.
12/27/95 added log details.
3/27/96 completed gas well, details added.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 428

WELL INFORMATION:

LOCATION	025N007W13G		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	8/ 9/95		
COMP DATE	12/ 9/95		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		0.64	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1996	580.07	5.12	0.00	6.00	0.00	6 00
1997	484.49	2.82	0.00	6.00	0.00	6 00
1998	433.28	2.63	0.00	6.00	0.00	6 00
1999	383.17	2.70	0.00	6.00	0.00	6 00
2000	332.32	2.35	0.00	6.00	0.00	6 00
2001	288.22	2.03	0.00	6.00	0.00	6 00
2002	249.97	1.76	0.00	6.00	0.00	6 00
2003	216.80	1.53	0.00	6.00	0.00	6 00
2004	188.03	1.33	0.00	6.00	0.00	6 00
2005	163.08	1.15	0.00	6.00	0.00	6 00

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/24/98

FOR LEASE: CANYON LARGO UNIT # 428

WELL INFORMATION:

LOCATION	025N007W13G			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	8/ 9/95			
COMP DATE	12/ 9/95			
FIRST GAS				
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.21	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,128 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		0.6	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-179563-0 Original
Copyright 1998 Rockies Run Date: 25-Jun-98

State : New Mexico NM Merid 25N - 7W - 13 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 12/10/1995 D O OIL

Well: CANYON LARGO UNIT #428 Last Info: 04/04/1996
Ftg: 1475 fnl 1475 fel
Lat-Long by TDG: 36.402557 - 107.521759
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7410 Dakota Permit #: 01/16/1995 API: 30-039-2548500
Elev: 6908KB

Spud: 08/09/1995 Contr: Walters Rig #: 5
TD: 7461 on 08/19/1995

Elev: 6908KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2128	4780	L H	Point Lookout	5028	1880	L H
Kirtland	2310	4598	L H	Mancos	5266	1642	L H
Fruitland	2566	4342	L H	Gallup	6616	292	L H
Pictured Cliffs	2781	4127	L H	Greenhorn	6988	-80	L H
Chacra	3631	3277	L H	Graneros	7052	-144	L H
Cliff House	4335	2573	L H	Dakota	7094	-186	L H
Menefee	4405	2503	L H	Morrison	7422	-514	L H

Casing: 8 5/8 @ 395 w/500
5 1/2 @ 7459 w/1975
Mud : 9.2# @ 7461
Ph 8.5, Fluid loss 10 cc
Core : 2809-5306 (Mesaverde) Sidewall
cut 35 rec 33.
5306-7409 Sidewall
- no details
DST : None rptd
Logs : 08/19/95 Schlumberger AIT @ 396-7444, NPL LDT @ 396-7459, ML @ 396-7417.
08/20/95 Schlumberger AIT RWA @ 396-7444, DSI @ 396-7430.
08/21/95 Schlumberger FMI @ 5020-7460, GR @ 2858-7409.
11/05/95 Basin GR @ 50-7410. cased hole
Tubing: (2 strings) 1 1/2 @ 6381 & 7292 w/pkr @ 6500
Perfs : 7096-7370 (Dakota)
@ 7304-7306, 7318-7370, 7096, 7102, 7109, 7164, 7168, 7182, 7208, 7211, 7215, 7234, 7236, 7238, 7249, 7253, 7258 - frac w/90200# 20/40 Econoprop 65865 gal 22# x-link gel
6199-6400 (Gallup)
@ 6199, 6202, 6223, 6231, 6233, 6271, 6274, 6304, 6308, 6310, 6400
- frac w/75000# 20/40 Temp DC sd 41065 gal 35# x-link gel
PZone :
(DUAL)
6199-6400 (Gallup)
gross interval

State : New Mexico NM Merid 25N - 7W - 13 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 12/10/1995 D O OIL

Continued

PZone : 7096-7370 (Dakota)
gross interval

IP : (Dakota 7096-7370) F 10 BOPD; 1000 MCFGPD; 1 BWPD; SITP 2309
(Gallup 6199-6400) F 5 BOPD; 50 MCFGPD; 1 BWPD; SICP 1674

Journl: 8/16/95 rig rptd on site Aug 11.
9/6/95 rig rptd released Aug 29; added log details.
12/16/95 perf log details added.
12/27/95 completed oil well.
2/7/96 completed oil well, details added.
4/4/96 completed oil well, details added.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 430

WELL INFORMATION:

LOCATION	025N007W14K		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	8/23/95		
COMP DATE	1/ 5/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		7.33	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1997	3.68	1.78	0.00	5.50	0.00	5.50
1998	4.51	0.62	0.00	6.00	0.00	6.00
1999	4.81	0.93	0.00	6.00	0.00	6.00
2000	4.59	1.18	0.00	6.00	0.00	6.00
2001	4.33	1.11	0.00	6.00	0.00	6.00
2002	4.07	1.04	0.00	6.00	0.00	6.00
2003	3.83	0.98	0.00	6.00	0.00	6.00
2004	1.23	0.32	0.00	2.00	0.00	2.00

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 430

WELL INFORMATION:

LOCATION	025N007W14K			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	8/23/95			
COMP DATE	1/ 5/96			
FIRST GAS				
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.75	%
SCHOOL	NM	4.00	%
AD VALOREM	NM	1.2	%
CONSERVATION	NM	0.18	%
PROD. EQUIP.	NM	0.22	%
TOTAL		9.36	%

AVERAGE HEAT CONTENT

1,261 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		7.3	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

State : New Mexico NM Merid 25N - 7W - 14 sw ne sw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Well: CANYON LARGO UNIT #430 Last Info: 01/23/1996
Ftg: 1455 fnl 1435 fwl
Lat-Long by TDG: 36.403152 - 107.547104
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7245 Dakota Permit #: 01/16/1995 API: 30-039-2547700
Elev: 6813KB

Spud: 08/23/1995 Contr: Walters Rig #: 5
TD: 7315 on 09/01/1995 PB: 7125

Elev: 6813KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	1918	4895	L H	Point Lookout	4863	1950	L H
Kirtland	2131	4682	L H	Mancos	5097	1716	L H
Fruitland	2378	4435	L H	Gallup	5975	838	L H
Pictured Cliffs	2596	4217	L H	Juana Lopez	6508	305	L H
Lewis	2730	4083	L H	Greenhorn	6825	-12	L H
Huerfanito bent	2991	3822	L H	Graneros	6889	-76	L H
Chacra	3452	3361	L H	Dakota	6980	-167	L H
Cliff House	4144	2669	L H	Morrison	7256	-443	L H
Menefee	4217	2596	L H				

DDC : 25S Blanco (miles from the nearest city)
Casing: 8 5/8 @ 398 w/257
5 1/2 @ 7315 w/1738
Mud : 9.2# @ 7315
pH 8, Fluid loss 14 cc
Core : None
DST : None rptd
Logs : 09/02/95 Schlumberger AIT @ 2400-7311, ML @ 2400-7266.
09/03/95 Schlumberger DSI TEMP @ 398-7297, NPL LDT @ 398-7307.
10/28/95 Basin GR @ 100-7308. cased hole
Tubing: (2 strings) 1 1/2 @ 7052 & 6466 w/pkr @ 6650
Perfs : 7290-7300 (Dakota)
- frac w/25000# sd 489 bbl 50# gel
7138-7178 (Dakota)
@ 7138-7164, 7168-7178 - frac w/21000# sd 745 bbl 35# gel - CIBP @ 7125
6932-7114 (Dakota)
@ 6932, 6936, 6940, 6951, 6997, 7017, 7041, 7044, 7050, 7062, 7064, 7067, 7076, 7079, 7082, 7109, 7114 - frac w/67000# 20/40 sd 46620 gal gel
6040-6513 (Gallup)
@ 6040, 6049, 6065, 6072, 6074, 6098, 6100, 6113, 6149, 6151, 6153, 6160, 6220, 6240, 6276, 6336, 6420, 6432, 6450, 6511, 6513 - frac w/39000# 20/40 DC sd 21475 gal 35# x-link gel
PZone :

Continued

State : New Mexico NM Merid 25N - 7W - 14 sw ne sw

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Continued

PZone : (DUAL)
6040-6513 (Gallup)
gross interval
6932-7114 (Dakota)
gross interval

IP : (Gallup 6040-6513) F 5 BOPD; 50 MCFGPD; 1 BWPD; FTP 1455, SICP 1511
(Dakota 6932-7114) F 5 BOPD; 300 MCFGPD; 1 BWPD; FTP 1988

Journl: 9/6/95 surf csg set Aug 23.
9/7/95 rig rptd released Sept 6.
10/25/95 added log details.
11/14/95 press tstg csg Oct 28 per sundry, prep to PERF.
12/16/95 perf logs details added.
1/23/96 completed gas well, SI.

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 447

WELL INFORMATION:

LOCATION	025N007W24G		
COUNTY	RIO ARRIBA		
STATE	NM		
FORMATION	BASIN DAKOTA (PRORATE		
OPERATOR	BURLINGTON RESOURCES		
SPUD DATE	9/ 5/95		
COMP DATE	1/ 7/96		
FIRST GAS			
COMM GWI	100.00	MOI GWI	100.00
COMM NRI	87.50	MOI NRI	85.00

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE
SEVERANCE	NM	3.75 %
SCHOOL	NM	4.00 %
AD VALOREM	NM	1.21 %
CONSERVATION	NM	0.18 %
PROD. EQUIP.	NM	0.22 %
TOTAL		9.36 %

PRESSURE DATA:

DATE	
WHSIP	0.00
BHSIP	0.00

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		12.06	

ESTIMATED GROSS ANNUAL PRODUCTION AND OPERATING EXPENSES:

ESTIMATED ANNUAL PRODUCTION				OPERATING EXPENSES		
YEAR	GAS (MMCF)	OIL (MBO)	WATER (MBW)	BASE (M$)	WATER (M$)	TOTAL (M$)
1997	26.74	1.94	0.00	6.00	0.00	6.00
1998	11.71	0.56	0.00	6.00	0.00	6.00
1999	18.48	1.08	0.00	6.00	0.00	6.00
2000	20.70	1.30	0.00	6.00	0.00	6.00
2001	19.97	1.26	0.00	6.00	0.00	6.00
2002	19.27	1.21	0.00	6.00	0.00	6.00
2003	18.60	1.17	0.00	6.00	0.00	6.00
2004	17.95	1.13	0.00	6.00	0.00	6.00
2005	17.32	1.09	0.00	6.00	0.00	6.00

BURLINGTON RESOURCES
COMMERICIALITY DETERMINATION
BLM DATA SHEET

6/25/98

FOR LEASE: CANYON LARGO UNIT # 447

WELL INFORMATION:

LOCATION	025N007W24G			
COUNTY	RIO ARRIBA			
STATE	NM			
FORMATION	BASIN DAKOTA (PRORATED GA			
OPERATOR	BURLINGTON RESOURCES			
SPUD DATE	9/ 5/95			
COMP DATE	1/ 7/96			
FIRST GAS				
COMM GWI	100.00	%	MOI GWI	100.00 %
COMM NRI	87.50	%	MOI NRI	85.00 %

PRODUCTION TAXES:

TAXES FOR 1995		GAS % OF REVENUE	
SEVERANCE	NM	3.7[illegible]	%
SCHOOL	NM	4.0[illegible]	%
AD VALOREM	NM	1.2[illegible]	%
CONSERVATION	NM	0.1[illegible]	%
PROD. EQUIP.	NM	0.2[illegible]	%
TOTAL		9.3[illegible]	%

AVERAGE HEAT CONTENT

1,266 MMBtu / Mcf

WELL COST DATA:

AVERAGE WELL COST	$	575.00	M
PAYOUT YEARS		12.0	

AVERAGE PRODUCT PRICING

PRICE/GAS $ / MCF	YEAR
1.57	12/96
2.03	TO LIFE

Dwights Discover CD-ROM ID: R-179566-0 Original
Copyright 1998 Rockies Run Date: 25-Jun-98

State : New Mexico NM Merid 25N - 7W - 24 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Well: CANYON LARGO UNIT #447 Last Info: 01/23/1996
Ftg: 1510 fnl 1615 fel
Lat-Long by TDG: 36.388123 - 107.522110
Oper Address: 5613 DTC Pky #1000 POB 3209, Englewood CO 80155 - 303/930-9344
Obj: 7330 Dakota Permit #: 01/16/1995 API: 30-039-2548000
Elev: 6928KB

Spud: 09/05/1995 Contr: Walters Rig #: 5
TD: 7437 on 09/16/1995 PB: 7383

Elev: 6928KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights,I=IOG,T=Govt,S=Shell,U=USGS,R=NRIS
M=Munger,N=NDGS,B=Boyd,G=GDS,X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Ojo Alamo	2229	4699	L H	Point Lookout	4996	1932	L H
Kirtland	2286	4642	L H	Mancos	5213	1715	L H
Fruitland	2532	4396	L H	Gallup	6101	827	L H
Pictured Cliffs	2737	4191	L H	Juana Lopez	6631	297	L H
Lewis	2860	4068	L H	Greenhorn	6947	-19	L H
Huerfanito bent	3128	3800	L H	Graneros	7002	-74	L H
Chacra	3594	3334	L H	Dakota	7099	-171	L H
Cliff House	4296	2632	L H	Morrison	7365	-437	L H
Menefee	4388	2540	L H				

DDC : 24S Blanco (miles from the nearest city)
Casing: 9 5/8 @ 404 w/336
5 1/2 @ 7437 w/1221
Mud : 9.3# @ 7437
pH 7.5, Fluid loss 12 cc
Core : 7047-7355 (Graneros/Dakota) Sidewall
- no details
DST : None rptd
Logs : 09/18/95 Schlumberger NPL LDT @ 2500-7430, AIT ML @ 2500-7433, DSI TEMP NGS @ 4100-7421.
09/20/95 Schlumberger FMS @ 7000-7434.
10/21/95 Basin GR @ 100-7383. cased hole
Tubing: (2 strings) 1 1/2 @ 7352 & 6632 w/pkr @ 6740
Perfs : 7348-7374 (Dakota)
@ 7348-7362, 7368-7374 - frac w/12000# sd 290 bbl gel 471000 SCF N2
7254-7286 (Dakota)
- frac w/25000# sd 479 bbl gel
7046-7239 (Dakota)
- frac w/85000# sd 55425 gal gel
6502-6638 (Gallup)
@ 6502, 6506, 6525, 6537, 6546, 6555, 6616, 6632, 6635, 6638 - frac w/25000# 20/40 DC sd 18135 gal 35# gel
6084-6398 (Gallup)
@ 6084, 6152, 6167, 6176, 6180, 6186, 6190, 6203, 6212, 6218, 6225,

State : New Mexico NM Merid 25N - 7W - 24 ne sw ne

County: RIO ARRIBA Oper: MERIDIAN OIL INC

Field : DEVILS FORK GAL/BASIN DK Compl: 01/07/1996 D G GAS

Continued

Perfs : 6233, 6238, 6244, 6254, 6262, 6267, 6274, 6279, 6338, 6359, 6383, 6398
- frac w/87000# 20/40 DC sd 60600 gal 35# gel

PZone :

(DUAL)
6084-6638 (Gallup)
gross interval
7046-7374 (Dakota)
gross interval

IP : (Gallup 6084-6638) F 5 BOPD; 100 MCFGPD; 1 BWPD; FTP 1548, SICP 1550
(Dakota 7046-7374) F 5 BOPD; 250 MCFGPD; 5 BWPD; FTP 222

Journl: 9/7/95 rig rptd on site Sept 6.
9/27/95 surf csg set Sept 5.
9/28/95 rig rptd released Sept 25.
11/8/95 added log details.
12/16/95 perf log details added.
1/23/96 completed gas well, SI.

541

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 3, 1998

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division
State of New Mexico
2040 S. Pacheco
Santa Fe, NM 87505

RE: 1998 Plan of Development
CANYON LARGO UNIT 14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO

Ladies and Gentlemen:

The following Participating Areas currently exist in the CANYON LARGO UNIT:

FORMATION	EXPANSION	EFFECTIVE DATE
MESAVERDE	000	04-18-1985
CHACRA	013	10-01-1985
DAKOTA	017	12-01-1983
GALLUP	025	04-01-1985
PICTURED CLIFFS	046	12-01-1985
GALLUP	250	04-01-1985

The 1997 Plan of Development (or amendments thereto) provided for the following activity:

WELL NAME	FORMATION	TYPE	DEDICATION	STATUS
CANYON LARGO UNIT 240E	DAKOTA	NewDrill - Commingle	W/2 12-025N-006W	In Progress
CANYON LARGO UNIT 240E	MESAVERDE	NewDrill - Commingle	W/2 12-025N-006W	In Progress
CANYON LARGO UNIT 250E	MESAVERDE	NewDrill - Commingle	E/2 01-025N-006W	In Progress
CANYON LARGO UNIT 250E	DAKOTA	NewDrill - Commingle	E/2 01-025N-006W	In Progress
CANYON LARGO UNIT 253E	DAKOTA	NewDrill - Commingle	E/2 12-025N-006W	In Progress
CANYON LARGO UNIT 253E	MESAVERDE	NewDrill - Commingle	E/2 12-025N-006W	In Progress
CANYON LARGO UNIT 255E	DAKOTA	NewDrill - Commingle	W/2 13-025N-007W	In Progress

3535 East 30th St.. 87402-8801. P.O. Box 4289, Farmington. New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

CANYON LARGO UNIT 294E	DAKOTA	NewDrill - Commingle	E/2 02-025N-006W	In Progress
CANYON LARGO UNIT 294E	MESAVERDE	NewDrill - Commingle	02-025N-006W	In Progress
CANYON LARGO UNIT 400	DAKOTA	NewDrill - Single	E/2 30-025N-006W	In Progress
CANYON LARGO UNIT 153	CHACRA	P&A	12-025N-006W	In Progress
CANYON LARGO UNIT 197	PICTURED CLIFFS	P&A	34-025N-007W	Completed
CANYON LARGO UNIT 221	PICTURED CLIFFS	P&A	03-024N-007W	Completed
CANYON LARGO UNIT 119	GALLUP	P&A - Quadmgle	W/2 NW/4 15-024N-006W	In Progress
CANYON LARGO UNIT 126	GALLUP	P&A - Single	W/2 SE/4 09-024N-006W	In Progress

Copies of Participating Area maps are attached for each formation. The circled numbers correspond to the Unit Exhibit "B" ownership schedule.

Pursuant to Section 10 of the CANYON LARGO UNIT Agreement, Burlington Resources Oil & Gas Company, as Unit Operator, hereby submits the 1998 Plan of Development as follows:

WELL NAME	FORMATION	TYPE	DEDICATION
CANYON LARGO UNIT 138	CHACRA	P&A	04-025N-006W
CANYON LARGO UNIT 88	PICTURED CLIFFS	P&A	02-024N-007W

The following is a well listing for wells in CANYON LARGO UNIT and the current status our system contains for the well.

WELL NAME	FORM	LEGAL DESC	REASON	FLAG
CANYON LARGO UNIT 144	GALLUP	D 17-025N-006W	P&A	Commingle
CANYON LARGO UNIT 144	PICTURED CLIFFS	D 17-025N-006W	Active	Commingle
CANYON LARGO UNIT 250E	DAKOTA	P 01-025N-006W		Commingle
CANYON LARGO UNIT 250E	MESAVERDE	P 01-025N-006W		Commingle
			Commingle Count	4
CANYON LARGO UNIT 95	DAKOTA	B 36-025N-006W	Active	Dual
CANYON LARGO UNIT 136	CHACRA	N 04-025N-006W	Active	Dual
CANYON LARGO UNIT 136	PICTURED CLIFFS	N 04-025N-006W	Active	Dual
CANYON LARGO UNIT 178	PICTURED CLIFFS	C 14-025N-006W	Active	Dual
CANYON LARGO UNIT 178	CHACRA	C 14-025N-006W	Active	Dual
CANYON LARGO UNIT 183	PICTURED CLIFFS	B 02-025N-006W	Active	Dual
CANYON LARGO UNIT 183	CHACRA	B 02-025N-006W	Active	Dual
CANYON LARGO UNIT 237	CHACRA	A 01-025N-006W	Active	Dual
CANYON LARGO UNIT 428	DAKOTA	G 13-025N-007W	Active	Dual
CANYON LARGO UNIT 428	GALLUP	G 13-025N-007W	Active	Dual
CANYON LARGO UNIT 430	DAKOTA	K 14-025N-007W	Active	Dual
CANYON LARGO UNIT 430	GALLUP	K 14-025N-007W	Active	Dual
CANYON LARGO UNIT 447	DAKOTA	G 24-025N-007W	Active	Dual
CANYON LARGO UNIT 447	GALLUP	G 24-025N-007W	Active	Dual
CANYON LARGO UNIT 239E	DAKOTA	F 01-025N-006W	Active	Dual
CANYON LARGO UNIT 239E	MESAVERDE	F 01-025N-006W	Active	Dual

CANYON LARGO UNIT 287M	DAKOTA	E 03-025N-006W	Active	Dual
CANYON LARGO UNIT 287M	MESAVERDE	E 03-025N-006W	Active	Dual
CANYON LARGO UNIT COM 137	PICTURED CLIFFS	G 05-025N-006W	Active	Dual
CANYON LARGO UNIT COM NP 137	CHACRA	G 05-025N-006W	Active	Dual
CANYON LARGO UNIT NP 89	DAKOTA	M 17-024N-006W	Active	Dual
CANYON LARGO UNIT NP 95	GALLUP	B 36-025N-006W	Active	Dual
CANYON LARGO UNIT NP 237	MESAVERDE	A 01-025N-006W	Active	Dual
			Dual Count	23
CANYON LARGO UNIT 1	PICTURED CLIFFS	O 03-024N-006W	Active	Single
CANYON LARGO UNIT 2	PICTURED CLIFFS	F 04-024N-006W	Active	Single
CANYON LARGO UNIT 3	PICTURED CLIFFS	P 09-024N-006W	Active	Single
CANYON LARGO UNIT 5	PICTURED CLIFFS	A 21-024N-006W	Active	Single
CANYON LARGO UNIT 6	DAKOTA	A 25-024N-006W	Active	Single
CANYON LARGO UNIT 7	PICTURED CLIFFS	A 27-024N-006W	P&A	Single
CANYON LARGO UNIT 8	PICTURED CLIFFS	E 01-024N-007W	P&A	Single
CANYON LARGO UNIT 9	PICTURED CLIFFS	A 04-024N-007W	Active	Single
CANYON LARGO UNIT 10	PICTURED CLIFFS	D 10-024N-007W	P&A	Single
CANYON LARGO UNIT 11	PICTURED CLIFFS	D 03-025N-006W	Active	Single
CANYON LARGO UNIT 12	PICTURED CLIFFS	A 10-025N-006W	P&A	Single
CANYON LARGO UNIT 13	PICTURED CLIFFS	A 14-025N-006W	Active	Single
CANYON LARGO UNIT 14	PICTURED CLIFFS	I 29-025N-007W	Active	Single
CANYON LARGO UNIT 16	PICTURED CLIFFS	A 30-025N-007W	Active	Single
CANYON LARGO UNIT 18	PICTURED CLIFFS	L 35-025N-007W	P&A	Single
CANYON LARGO UNIT 19	PICTURED CLIFFS	D 03-024N-006W	Active	Single
CANYON LARGO UNIT 20	PICTURED CLIFFS	P 12-024N-006W	Active	Single
CANYON LARGO UNIT 21	PICTURED CLIFFS	D 15-024N-006W	Active	Single
CANYON LARGO UNIT 22	PICTURED CLIFFS	J 15-024N-006W	Active	Single
CANYON LARGO UNIT 23	PICTURED CLIFFS	P 01-025N-006W	P&A	Single
CANYON LARGO UNIT 24	PICTURED CLIFFS	M 02-025N-006W	Active	Single
CANYON LARGO UNIT 25	PICTURED CLIFFS	D 04-025N-006W	Active	Single
CANYON LARGO UNIT 26	PICTURED CLIFFS	O 04-025N-006W	Active	Single
CANYON LARGO UNIT 27	PICTURED CLIFFS	I 05-025N-006W	Active	Single
CANYON LARGO UNIT 28	PICTURED CLIFFS	D 05-025N-006W	Active	Single
CANYON LARGO UNIT 29	PICTURED CLIFFS	O 07-025N-006W	Active	Single
CANYON LARGO UNIT 30	PICTURED CLIFFS	F 09-025N-006W	Active	Single
CANYON LARGO UNIT 31	PICTURED CLIFFS	P 11-025N-006W	Active	Single
CANYON LARGO UNIT 32	PICTURED CLIFFS	D 11-025N-006W	Active	Single
CANYON LARGO UNIT 33	PICTURED CLIFFS	P 12-025N-006W	Active	Single
CANYON LARGO UNIT 34	PICTURED CLIFFS	D 12-025N-006W	P&A	Single
CANYON LARGO UNIT 35	PICTURED CLIFFS	D 13-025N-006W	Active	Single
CANYON LARGO UNIT 36	PICTURED CLIFFS	P 13-025N-006W	Active	Single
CANYON LARGO UNIT 37	PICTURED CLIFFS	D 19-025N-006W	Active	Single
CANYON LARGO UNIT 38	PICTURED CLIFFS	P 19-025N-006W	Active	Single
CANYON LARGO UNIT 39	PICTURED CLIFFS	D 20-025N-006W	P&A	Single
CANYON LARGO UNIT 40	PICTURED CLIFFS	P 23-025N-006W	Active	Single

CANYON LARGO UNIT	41	PICTURED CLIFFS	P 24-025N-006W	P&A	Single
CANYON LARGO UNIT	42	PICTURED CLIFFS	F 28-025N-006W	P&A	Single
CANYON LARGO UNIT	43	PICTURED CLIFFS	D 29-025N-006W	Active	Single
CANYON LARGO UNIT	44	PICTURED CLIFFS	P 29-025N-006W	Active	Single
CANYON LARGO UNIT	45	PICTURED CLIFFS	D 30-025N-006W	Active	Single
CANYON LARGO UNIT	46	PICTURED CLIFFS	P 30-025N-006W	P&A	Single
CANYON LARGO UNIT	47	PICTURED CLIFFS	G 32-025N-006W	Active	Single
CANYON LARGO UNIT	48	PICTURED CLIFFS	D 33-025N-006W	Active	Single
CANYON LARGO UNIT	49	PICTURED CLIFFS	E 03-025N-007W	Active	Single
CANYON LARGO UNIT	50	PICTURED CLIFFS	P 03-025N-007W	Active	Single
CANYON LARGO UNIT	51	PICTURED CLIFFS	P 11-025N-007W	P&A	Single
CANYON LARGO UNIT	52	PICTURED CLIFFS	P 13-025N-007W	Active	Single
CANYON LARGO UNIT	53	PICTURED CLIFFS	D 24-025N-007W	P&A	Single
CANYON LARGO UNIT	54	PICTURED CLIFFS	P 24-025N-007W	Active	Single
CANYON LARGO UNIT	55	PICTURED CLIFFS	P 25-025N-007W	Active	Single
CANYON LARGO UNIT	56	PICTURED CLIFFS	D 28-025N-007W	Active	Single
CANYON LARGO UNIT	57	PICTURED CLIFFS	P 36-025N-007W	Active	Single
CANYON LARGO UNIT	58	PICTURED CLIFFS	E 22-024N-006W	P&A	Single
CANYON LARGO UNIT	59	PICTURED CLIFFS	J 22-024N-006W	P&A	Single
CANYON LARGO UNIT	60	PICTURED CLIFFS	A 10-024N-007W	Active	Single
CANYON LARGO UNIT	61	PICTURED CLIFFS	K 07-025N-006W	Active	Single
CANYON LARGO UNIT	64	PICTURED CLIFFS	B 04-024N-006W	P&A	Single
CANYON LARGO UNIT	65	PICTURED CLIFFS	B 03-025N-006W	Active	Single
CANYON LARGO UNIT	66	PICTURED CLIFFS	C 29-025N-007W	Active	Single
CANYON LARGO UNIT	67	PICTURED CLIFFS	C 01-025N-006W	Active	Single
CANYON LARGO UNIT	69	CHACRA	I 15-025N-006W	Active	Single
CANYON LARGO UNIT	70	PICTURED CLIFFS	A 31-025N-006W	P&A	Single
CANYON LARGO UNIT	71	PICTURED CLIFFS	O 11-024N-006W	Active	Single
CANYON LARGO UNIT	72	PICTURED CLIFFS	M 11-024N-006W	P&A	Single
CANYON LARGO UNIT	73	PICTURED CLIFFS	C 12-024N-006W	P&A	Single
CANYON LARGO UNIT	74	PICTURED CLIFFS	G 26-024N-006W	Active	Single
CANYON LARGO UNIT	75	PICTURED CLIFFS	C 21-024N-006W	P&A	Single
CANYON LARGO UNIT	76	PICTURED CLIFFS	H 17-024N-006W	P&A	Single
CANYON LARGO UNIT	77	PICTURED CLIFFS	F 09-024N-006W	Active	Single
CANYON LARGO UNIT	79	PICTURED CLIFFS	D 21-025N-007W	Active	Single
CANYON LARGO UNIT	80	PICTURED CLIFFS	O 35-025N-007W	P&A	Single
CANYON LARGO UNIT	81	PICTURED CLIFFS	K 34-025N-007W	Active	Single
CANYON LARGO UNIT	82	PICTURED CLIFFS	I 34-025N-007W	P&A	Single
CANYON LARGO UNIT	83	PICTURED CLIFFS	D 01-024N-006W	Active	Single
CANYON LARGO UNIT	84	PICTURED CLIFFS	N 13-024N-006W	Active	Single
CANYON LARGO UNIT	85	PICTURED CLIFFS	I 13-024N-006W	Active	Single
CANYON LARGO UNIT	86	PICTURED CLIFFS	J 35-024N-006W	Active	Single
CANYON LARGO UNIT	87	PICTURED CLIFFS	G 01-024N-006W	Active	Single
CANYON LARGO UNIT	88	PICTURED CLIFFS	D 02-024N-007W	Shut-in	Single
CANYON LARGO UNIT	89	GALLUP	M 17-024N-006W	Active	Single

CANYON LARGO UNIT	90	PICTURED CLIFFS	A	01-025N-006W	Active	Single
CANYON LARGO UNIT	91	PICTURED CLIFFS	I	17-024N-006W	P&A	Single
CANYON LARGO UNIT	92	PICTURED CLIFFS	L	09-024N-006W	Active	Single
CANYON LARGO UNIT	93	PICTURED CLIFFS	A	12-025N-006W	P&A	Single
CANYON LARGO UNIT	94	PICTURED CLIFFS	A	24-025N-006W	Active	Single
CANYON LARGO UNIT	96	PICTURED CLIFFS	G	03-024N-007W	P&A	Single
CANYON LARGO UNIT	97	PICTURED CLIFFS	A	02-024N-007W	P&A	Single
CANYON LARGO UNIT	98	PICTURED CLIFFS	D	26-024N-006W	P&A	Single
CANYON LARGO UNIT	99	PICTURED CLIFFS	M	36-025N-007W	Active	Single
CANYON LARGO UNIT	100	PICTURED CLIFFS	D	31-025N-006W	P&A	Single
CANYON LARGO UNIT	101	PICTURED CLIFFS	O	02-025N-006W	Shut-in	Single
CANYON LARGO UNIT	102	PICTURED CLIFFS	C	32-025N-006W	P&A	Single
CANYON LARGO UNIT	103	PICTURED CLIFFS	E	10-024N-006W	P&A	Single
CANYON LARGO UNIT	104	PICTURED CLIFFS	K	03-024N-007W	P&A	Single
CANYON LARGO UNIT	105	PICTURED CLIFFS	C	25-025N-007W	P&A	Single
CANYON LARGO UNIT	106	PICTURED CLIFFS	C	20-024N-006W	Active	Single
CANYON LARGO UNIT	107	CHACRA	A	13-025N-006W	Active	Single
CANYON LARGO UNIT	108	PICTURED CLIFFS	L	15-024N-006W	Active	Single
CANYON LARGO UNIT	109	PICTURED CLIFFS	F	02-025N-006W	Shut-in	Single
CANYON LARGO UNIT	110	DAKOTA	D	01-024N-006W	Active	Single
CANYON LARGO UNIT	111	DAKOTA	G	01-024N-006W	Active	Single
CANYON LARGO UNIT	113	PICTURED CLIFFS	M	08-024N-006W	Active	Single
CANYON LARGO UNIT	114	PICTURED CLIFFS	A	33-025N-007W	Active	Single
CANYON LARGO UNIT	115	PICTURED CLIFFS	B	08-024N-006W	Active	Single
CANYON LARGO UNIT	116	DAKOTA	I	12-024N-006W	Active	Single
CANYON LARGO UNIT	117	DAKOTA	H	03-024N-006W	Active	Single
CANYON LARGO UNIT	118	GALLUP	M	08-024N-006W	P&A	Single
CANYON LARGO UNIT	119	GALLUP	E	15-024N-006W	Active	Single
CANYON LARGO UNIT	120	PICTURED CLIFFS	N	05-024N-006W	Active	Single
CANYON LARGO UNIT	123	GALLUP	D	17-024N-006W	P&A	Single
CANYON LARGO UNIT	124	GALLUP	I	17-024N-006W	P&A	Single
CANYON LARGO UNIT	126	GALLUP	O	09-024N-006W	Active	Single
CANYON LARGO UNIT	127	GALLUP	E	08-024N-006W	P&A	Single
CANYON LARGO UNIT	127	MESAVERDE	E	08-024N-006W	P&A	Single
CANYON LARGO UNIT	128	GALLUP	M	06-024N-006W	Active	Single
CANYON LARGO UNIT	129	GALLUP	G	08-024N-006W	P&A	Single
CANYON LARGO UNIT	130	GALLUP	E	09-024N-006W	P&A	Single
CANYON LARGO UNIT	131	GALLUP	G	09-024N-006W	P&A	Single
CANYON LARGO UNIT	133	PICTURED CLIFFS	P	05-024N-006W	P&A	Single
CANYON LARGO UNIT	135	DAKOTA	H	33-025N-006W	Active	Single
CANYON LARGO UNIT	138	CHACRA	J	04-025N-006W	Active	Single
CANYON LARGO UNIT	139	CHACRA	P	02-025N-006W	Active	Single
CANYON LARGO UNIT	140	CHACRA	A	09-025N-006W	P&A	Single
CANYON LARGO UNIT	141	CHACRA	A	24-025N-006W	Active	Single
CANYON LARGO UNIT	143	CHACRA	C	24-025N-006W	Active	Single

CANYON LARGO UNIT	144	DAKOTA	D	17-025N-006W	P&A	Single
CANYON LARGO UNIT	145	PICTURED CLIFFS	M	02-024N-007W	Shut-in	Single
CANYON LARGO UNIT	147	CHACRA	E	02-025N-006W	Active	Single
CANYON LARGO UNIT	148	CHACRA	D	11-025N-006W	Active	Single
CANYON LARGO UNIT	149	CHACRA	J	03-025N-006W	Active	Single
CANYON LARGO UNIT	150	CHACRA	D	03-025N-006W	Active	Single
CANYON LARGO UNIT	151	CHACRA	E	01-025N-006W	Active	Single
CANYON LARGO UNIT	152	CHACRA	O	01-025N-006W	P&A	Single
CANYON LARGO UNIT	153	CHACRA	J	12-025N-006W	Shut-in	Single
CANYON LARGO UNIT	154	CHACRA	E	12-025N-006W	Active	Single
CANYON LARGO UNIT	155	CHACRA	B	11-025N-006W	Active	Single
CANYON LARGO UNIT	156	PICTURED CLIFFS	N	14-025N-007W	Active	Single
CANYON LARGO UNIT	157	PICTURED CLIFFS	O	27-025N-007W	Active	Single
CANYON LARGO UNIT	159	CHACRA	B	14-025N-006W	P&A	Single
CANYON LARGO UNIT	160	CHACRA	D	13-025N-006W	Active	Single
CANYON LARGO UNIT	163	CHACRA	G	10-025N-006W	Active	Single
CANYON LARGO UNIT	164	CHACRA	K	10-025N-006W	P&A	Single
CANYON LARGO UNIT	165	CHACRA	K	14-025N-006W	Active	Single
CANYON LARGO UNIT	166	DAKOTA	N	02-025N-006W	Active	Single
CANYON LARGO UNIT	167	CHACRA	G	03-025N-006W	Active	Single
CANYON LARGO UNIT	168	CHACRA	I	24-025N-006W	Active	Single
CANYON LARGO UNIT	169	PICTURED CLIFFS	A	04-025N-006W	P&A	Single
CANYON LARGO UNIT	169	CHACRA	A	04-025N-006W	P&A	Single
CANYON LARGO UNIT	170	CHACRA	E	04-025N-006W	P&A	Single
CANYON LARGO UNIT	173	PICTURED CLIFFS	P	28-025N-007W	Active	Single
CANYON LARGO UNIT	174	PICTURED CLIFFS	K	21-025N-007W	Active	Single
CANYON LARGO UNIT	175	PICTURED CLIFFS	A	33-025N-006W	Active	Single
CANYON LARGO UNIT	176	PICTURED CLIFFS	P	06-024N-006W	Active	Single
CANYON LARGO UNIT	177	PICTURED CLIFFS	E	10-025N-006W	P&A	Single
CANYON LARGO UNIT	177	CHACRA	E	10-025N-006W	P&A	Single
CANYON LARGO UNIT	179	PICTURED CLIFFS	L	13-025N-007W	Active	Single
CANYON LARGO UNIT	180	PICTURED CLIFFS	A	23-025N-007W	Active	Single
CANYON LARGO UNIT	181	PICTURED CLIFFS	M	26-025N-007W	Active	Single
CANYON LARGO UNIT	184	CHACRA	B	12-025N-006W	Shut-in	Single
CANYON LARGO UNIT	186	DAKOTA	A	11-025N-006W	Active	Single
CANYON LARGO UNIT	189	PICTURED CLIFFS		22-024N-006W	P&A	Single
CANYON LARGO UNIT	190	PICTURED CLIFFS	P	14-025N-007W	P&A	Single
CANYON LARGO UNIT	191	PICTURED CLIFFS	M	23-025N-007W	P&A	Single
CANYON LARGO UNIT	192	PICTURED CLIFFS	G	24-025N-007W	P&A	Single
CANYON LARGO UNIT	193	PICTURED CLIFFS	K	24-025N-007W	Active	Single
CANYON LARGO UNIT	194	PICTURED CLIFFS	A	25-025N-007W	Active	Single
CANYON LARGO UNIT	195	PICTURED CLIFFS	G	26-025N-007W	P&A	Single
CANYON LARGO UNIT	196	PICTURED CLIFFS	P	33-025N-007W	Active	Single
CANYON LARGO UNIT	197	PICTURED CLIFFS	G	34-025N-007W	P&A	Single
CANYON LARGO UNIT	198	PICTURED CLIFFS	F	34-025N-007W	Active	Single

CANYON LARGO UNIT	199	PICTURED CLIFFS	G	35-025N-007W	Active	Single
CANYON LARGO UNIT	200	PICTURED CLIFFS	E	35-025N-007W	Active	Single
CANYON LARGO UNIT	201	PICTURED CLIFFS	J	03-025N-006W	P&A	Single
CANYON LARGO UNIT	202	PICTURED CLIFFS	L	05-025N-006W	P&A	Single
CANYON LARGO UNIT	203	PICTURED CLIFFS	K	10-025N-006W	Active	Single
CANYON LARGO UNIT	204	PICTURED CLIFFS	A	11-025N-006W	Active	Single
CANYON LARGO UNIT	205	PICTURED CLIFFS	G	13-025N-006W	Active	Single
CANYON LARGO UNIT	206	PICTURED CLIFFS	M	19-025N-006W	Active	Single
CANYON LARGO UNIT	207	PICTURED CLIFFS	L	28-025N-006W	P&A	Single
CANYON LARGO UNIT	208	PICTURED CLIFFS	G	29-025N-006W	Active	Single
CANYON LARGO UNIT	209	PICTURED CLIFFS	M	29-025N-006W	P&A	Single
CANYON LARGO UNIT	210	PICTURED CLIFFS	H	30-025N-006W	Active	Single
CANYON LARGO UNIT	211	PICTURED CLIFFS	K	30-025N-006W	Active	Single
CANYON LARGO UNIT	212	PICTURED CLIFFS	L	06-024N-006W	Active	Single
CANYON LARGO UNIT	213	PICTURED CLIFFS	E	08-024N-006W	P&A	Single
CANYON LARGO UNIT	214	PICTURED CLIFFS	O	08-024N-006W	Active	Single
CANYON LARGO UNIT	215	PICTURED CLIFFS	G	09-024N-006W	Shut-in	Single
CANYON LARGO UNIT	216	PICTURED CLIFFS	G	15-024N-006W	Active	Single
CANYON LARGO UNIT	217	PICTURED CLIFFS	C	17-024N-006W	Active	Single
CANYON LARGO UNIT	218	PICTURED CLIFFS	A	20-024N-006W	Shut-in	Single
CANYON LARGO UNIT	220	PICTURED CLIFFS	I	02-024N-007W	Active	Single
CANYON LARGO UNIT	221	PICTURED CLIFFS	E	03-024N-007W	P&A	Single
CANYON LARGO UNIT	222	PICTURED CLIFFS	O	03-024N-007W	P&A	Single
CANYON LARGO UNIT	223	PICTURED CLIFFS	P	04-024N-007W	P&A	Single
CANYON LARGO UNIT	224	PICTURED CLIFFS	L	01-025N-006W	Active	Single
CANYON LARGO UNIT	225	PICTURED CLIFFS	M	03-025N-006W	Active	Single
CANYON LARGO UNIT	226	PICTURED CLIFFS	J	10-025N-006W	P&A	Single
CANYON LARGO UNIT	227	PICTURED CLIFFS	N	11-025N-006W	Active	Single
CANYON LARGO UNIT	228	PICTURED CLIFFS	L	13-025N-006W	Active	Single
CANYON LARGO UNIT	229	PICTURED CLIFFS	I	14-025N-006W	Active	Single
CANYON LARGO UNIT	230	PICTURED CLIFFS	A	15-025N-006W	Active	Single
CANYON LARGO UNIT	239	DAKOTA	K	01-025N-006W	Active	Single
CANYON LARGO UNIT	240	DAKOTA	L	12-025N-006W	Active	Single
CANYON LARGO UNIT	241	GALLUP	K	23-025N-007W	Temp. Aband	Single
CANYON LARGO UNIT	242	PICTURED CLIFFS	E	13-025N-007W	Active	Single
CANYON LARGO UNIT	243	PICTURED CLIFFS	H	14-025N-007W	Active	Single
CANYON LARGO UNIT	244	PICTURED CLIFFS	I	23-025N-007W	P&A	Single
CANYON LARGO UNIT	246	PICTURED CLIFFS	O	26-025N-007W	P&A	Single
CANYON LARGO UNIT	247	PICTURED CLIFFS	H	27-025N-007W	Active	Single
CANYON LARGO UNIT	248	PICTURED CLIFFS	E	36-025N-007W	P&A	Single
CANYON LARGO UNIT	249	DAKOTA	H	04-024N-006W	Active	Single
CANYON LARGO UNIT	250	DAKOTA	H	01-025N-006W	Active	Single
CANYON LARGO UNIT	252	DAKOTA	A	03-025N-006W	Active	Single
CANYON LARGO UNIT	253	DAKOTA	I	12-025N-006W	Active	Single
CANYON LARGO UNIT	254	DAKOTA	A	13-025N-006W	Active	Single

CANYON LARGO UNIT	258	PICTURED CLIFFS	A	06-024N-006W	Active	Single
CANYON LARGO UNIT	260	PICTURED CLIFFS	K	17-024N-006W	Active	Single
CANYON LARGO UNIT	261	PICTURED CLIFFS	L	21-024N-006W	Active	Single
CANYON LARGO UNIT	264	PICTURED CLIFFS	K	01-024N-007W	Active	Single
CANYON LARGO UNIT	265	PICTURED CLIFFS	I	10-024N-007W	P&A	Single
CANYON LARGO UNIT	267	PICTURED CLIFFS	M	18-025N-006W	P&A	Single
CANYON LARGO UNIT	268	PICTURED CLIFFS	G	19-025N-006W	Active	Single
CANYON LARGO UNIT	269	PICTURED CLIFFS	M	20-025N-006W	P&A	Single
CANYON LARGO UNIT	270	PICTURED CLIFFS	J	20-025N-006W	P&A	Single
CANYON LARGO UNIT	271	PICTURED CLIFFS	I	32-025N-006W	Active	Single
CANYON LARGO UNIT	272	PICTURED CLIFFS	L	33-025N-006W	Active	Single
CANYON LARGO UNIT	273	PICTURED CLIFFS	O	33-025N-006W	Active	Single
CANYON LARGO UNIT	275	PICTURED CLIFFS	L	15-025N-007W	Active	Single
CANYON LARGO UNIT	276	PICTURED CLIFFS	F	27-025N-007W	P&A	Single
CANYON LARGO UNIT	277	PICTURED CLIFFS	A	28-025N-007W	P&A	Single
CANYON LARGO UNIT	278	DAKOTA	K	11-025N-006W	Active	Single
CANYON LARGO UNIT	279	DAKOTA	A	14-025N-006W	Active	Single
CANYON LARGO UNIT	280	PICTURED CLIFFS	K	14-025N-006W	P&A	Single
CANYON LARGO UNIT	281	PICTURED CLIFFS	C	15-025N-006W	P&A	Single
CANYON LARGO UNIT	284	PICTURED CLIFFS	L	03-025N-007W	Temp. Abandl.	Single
CANYON LARGO UNIT	286	DAKOTA	B	11-024N-006W	Active	Single
CANYON LARGO UNIT	287	DAKOTA	K	03-025N-006W	Active	Single
CANYON LARGO UNIT	288	DAKOTA	K	13-025N-006W	Active	Single
CANYON LARGO UNIT	289	PICTURED CLIFFS	K	28-025N-007W	Active	Single
CANYON LARGO UNIT	290	PICTURED CLIFFS	C	33-025N-007W	Active	Single
CANYON LARGO UNIT	291	DAKOTA	D	12-024N-006W	Active	Single
CANYON LARGO UNIT	292	DAKOTA	H	10-025N-006W	Active	Single
CANYON LARGO UNIT	293	PICTURED CLIFFS	A	09-025N-006W	P&A	Single
CANYON LARGO UNIT	294	DAKOTA	A	02-025N-006W	Active	Single
CANYON LARGO UNIT	297	DAKOTA	J	13-024N-006W	Active	Single
CANYON LARGO UNIT	298	GALLUP	A	03-024N-006W	Active	Single
CANYON LARGO UNIT	299	GALLUP	O	04-024N-006W	Active	Single
CANYON LARGO UNIT	300	GALLUP	I	08-024N-006W	Active	Single
CANYON LARGO UNIT	301	GALLUP	M	04-024N-006W	Active	Single
CANYON LARGO UNIT	302	GALLUP	J	03-024N-006W	Active	Single
CANYON LARGO UNIT	303	GALLUP	O	05-024N-006W	Active	Single
CANYON LARGO UNIT	304	GALLUP	C	11-024N-006W	Active	Single
CANYON LARGO UNIT	305	GALLUP	A	11-024N-006W	Active	Single
CANYON LARGO UNIT	306	GALLUP	K	11-024N-006W	Active	Single
CANYON LARGO UNIT	307	GALLUP	I	11-024N-006W	Active	Single
CANYON LARGO UNIT	308	GALLUP	G	05-024N-006W	Active	Single
CANYON LARGO UNIT	310	GALLUP	G	04-024N-006W	Active	Single
CANYON LARGO UNIT	311	GALLUP	F	03-024N-006W	Active	Single
CANYON LARGO UNIT	313	GALLUP	A	28-025N-006W	Active	Single
CANYON LARGO UNIT	315	GALLUP	F	28-025N-006W	Active	Single

CANYON LARGO UNIT	316	GALLUP	N	21-025N-006W	Active	Single
CANYON LARGO UNIT	317	GALLUP	E	21-025N-006W	Active	Single
CANYON LARGO UNIT	319	GALLUP	M	28-025N-006W	Active	Single
CANYON LARGO UNIT	321	GALLUP	A	32-025N-006W	Active	Single
CANYON LARGO UNIT	324	GALLUP	K	20-024N-006W	Active	Single
CANYON LARGO UNIT	325	GALLUP	G	33-025N-006W	P&A	Single
CANYON LARGO UNIT	326	GALLUP	C	33-025N-006W	Active	Single
CANYON LARGO UNIT	327	GALLUP	O	32-025N-006W	Active	Single
CANYON LARGO UNIT	328	GALLUP	E	05-024N-006W	Active	Single
CANYON LARGO UNIT	331	GALLUP	A	06-024N-006W	Active	Single
CANYON LARGO UNIT	332	GALLUP	A	01-024N-007W	Active	Single
CANYON LARGO UNIT	333	GALLUP	E	01-024N-007W	Active	Single
CANYON LARGO UNIT	334	GALLUP	J	15-024N-006W	Active	Single
CANYON LARGO UNIT	335	GALLUP	F	32-025N-006W	Active	Single
CANYON LARGO UNIT	336	PICTURED CLIFFS	C	24-025N-006W	Active	Single
CANYON LARGO UNIT	337	GALLUP	L	05-024N-006W	Active	Single
CANYON LARGO UNIT	338	GALLUP	J	06-024N-006W	Active	Single
CANYON LARGO UNIT	339	GALLUP	C	06-024N-006W	Active	Single
CANYON LARGO UNIT	340	GALLUP	I	01-024N-007W	Active	Single
CANYON LARGO UNIT	341	GALLUP	N	01-024N-007W	Active	Single
CANYON LARGO UNIT	342	GALLUP	K	20-025N-006W	Active	Single
CANYON LARGO UNIT	343	GALLUP	K	29-025N-006W	Active	Single
CANYON LARGO UNIT	344	GALLUP	K	30-025N-006W	Active	Single
CANYON LARGO UNIT	345	GALLUP	P	36-025N-007W	Active	Single
CANYON LARGO UNIT	347	PICTURED CLIFFS	H	01-024N-007W	P&A	Single
CANYON LARGO UNIT	349	MESAVERDE	K	08-024N-006W	Active	Single
CANYON LARGO UNIT	356	GALLUP	P	20-025N-006W	Active	Single
CANYON LARGO UNIT	357	GALLUP	P	29-025N-006W	Active	Single
CANYON LARGO UNIT	358	GALLUP	I	30-025N-006W	Active	Single
CANYON LARGO UNIT	359	GALLUP	K	31-025N-006W	Active	Single
CANYON LARGO UNIT	360	GALLUP		02-024N-007W		Single
CANYON LARGO UNIT	361	GALLUP		02-024N-007W		Single
CANYON LARGO UNIT	362	GALLUP		02-024N-007W		Single
CANYON LARGO UNIT	388	MESAVERDE	K	03-025N-006W	Shut-in	Single
CANYON LARGO UNIT	393	GALLUP	D	31-025N-006W	Active	Single
CANYON LARGO UNIT	400	DAKOTA	O	30-025N-006W		Single
CANYON LARGO UNIT	409	CHACRA	A	15-025N-006W	Shut-in	Single
CANYON LARGO UNIT	409	DAKOTA	B	15-025N-006W	Active	Single
CANYON LARGO UNIT	415	DAKOTA	G	19-025N-006W	Active	Single
CANYON LARGO UNIT	425	DAKOTA	M	10-025N-007W	Active	Single
CANYON LARGO UNIT	427	DAKOTA	N	11-025N-007W	Active	Single
CANYON LARGO UNIT	431	DAKOTA	G	14-025N-007W	Active	Single
CANYON LARGO UNIT	434	DAKOTA	M	20-024N-006W	Shut-in	Single
CANYON LARGO UNIT	95E	DAKOTA	O	36-025N-006W	Active	Single
CANYON LARGO UNIT	130R	GALLUP	C	09-024N-006W	Active	Single

CANYON LARGO UNIT	131R	GALLUP	H	09-024N-006W	Active	Single
CANYON LARGO UNIT	255E	DAKOTA	D	13-025N-007W		Single
CANYON LARGO UNIT	294E	DAKOTA	O	02-025N-006W		Single
CANYON LARGO UNIT	294E	MESAVERDE	O	02-025N-006W		Single
CANYON LARGO UNIT COM	142	CHACRA	A	23-025N-006W	Active	Single
CANYON LARGO UNIT COM	295	DAKOTA	A	04-025N-006W	Active	Single
CANYON LARGO UNIT COM	314	GALLUP	J	21-025N-006W	Active	Single
CANYON LARGO UNIT COM	318	DAKOTA	F	13-024N-006W	Active	Single
CANYON LARGO UNIT NP	15	PICTURED CLIFFS	C	30-025N-007W	P&A	Single
CANYON LARGO UNIT NP	63	PICTURED CLIFFS	O	09-025N-007W	P&A	Single
CANYON LARGO UNIT NP	64	FRUITLAND COAL	B	04-024N-006W	P&A	Single
CANYON LARGO UNIT NP	76	FRUITLAND COAL	H	17-024N-006W	P&A	Single
CANYON LARGO UNIT NP	78	PICTURED CLIFFS	E	15-025N-007W	Active	Single
CANYON LARGO UNIT NP	106	PICTURED CLIFFS	C	20-024N-006W	P&A	Single
CANYON LARGO UNIT NP	121	MESAVERDE	A	17-024N-006W	P&A	Single
CANYON LARGO UNIT NP	122	MESAVERDE	O	08-024N-006W	Active	Single
CANYON LARGO UNIT NP	146	PICTURED CLIFFS	M	09-025N-007W	Active	Single
CANYON LARGO UNIT NP	158	PICTURED CLIFFS	J	01-024N-007W	Active	Single
CANYON LARGO UNIT NP	161	CHACRA	D	05-025N-006W	Active	Single
CANYON LARGO UNIT NP	162	PICTURED CLIFFS	A	06-025N-006W	Active	Single
CANYON LARGO UNIT NP	172	PICTURED CLIFFS	N	27-025N-007W	P&A	Single
CANYON LARGO UNIT NP	172	FRUITLAND COAL	N	27-025N-007W	P&A	Single
CANYON LARGO UNIT NP	182	GALLUP	P	02-024N-007W	Active	Single
CANYON LARGO UNIT NP	185	DAKOTA	K	03-024N-006W	Active	Single
CANYON LARGO UNIT NP	185	GALLUP	K	03-024N-006W	Active	Single
CANYON LARGO UNIT NP	187	DAKOTA	J	20-025N-006W	Active	Single
CANYON LARGO UNIT NP	188	DAKOTA	N	33-025N-006W	Active	Single
CANYON LARGO UNIT NP	219	PICTURED CLIFFS	B	01-024N-007W	P&A	Single
CANYON LARGO UNIT NP	238	MESAVERDE	A	12-025N-006W	Active	Single
CANYON LARGO UNIT NP	241	DAKOTA	K	23-025N-007W	P&A	Single
CANYON LARGO UNIT NP	255	DAKOTA	K	13-025N-007W	Active	Single
CANYON LARGO UNIT NP	256	DAKOTA	K	27-025N-007W	Active	Single
CANYON LARGO UNIT NP	256	GALLUP	K	27-025N-007W	Active	Single
CANYON LARGO UNIT NP	263	PICTURED CLIFFS	K	35-024N-006W	P&A	Single
CANYON LARGO UNIT NP	263	FRUITLAND COAL	K	35-024N-006W	P&A	Single
CANYON LARGO UNIT NP	320	GALLUP	D	01-024N-006W	Active	Single
CANYON LARGO UNIT NP	347	MESAVERDE	H	01-024N-007W	Active	Single
CANYON LARGO UNIT NP	348	MESAVERDE	L	06-024N-006W	P&A	Single
CANYON LARGO UNIT NP	363	MESAVERDE		01-024N-007W	P&A	Single
					Single Count	346
					Grand Count	373

The working interest owners are being furnished a copy of this letter. Burlington, as Unit Operator, will drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary by the working interest owners or Unit Operator.

In accordance to Section 10 of the Unit Agreement, please provide your approvals by executing and returning a copy of this letter to the undersigned.

Please contact me at (505) 326-9756 if there are any questions regarding this letter.

Yours very truly,

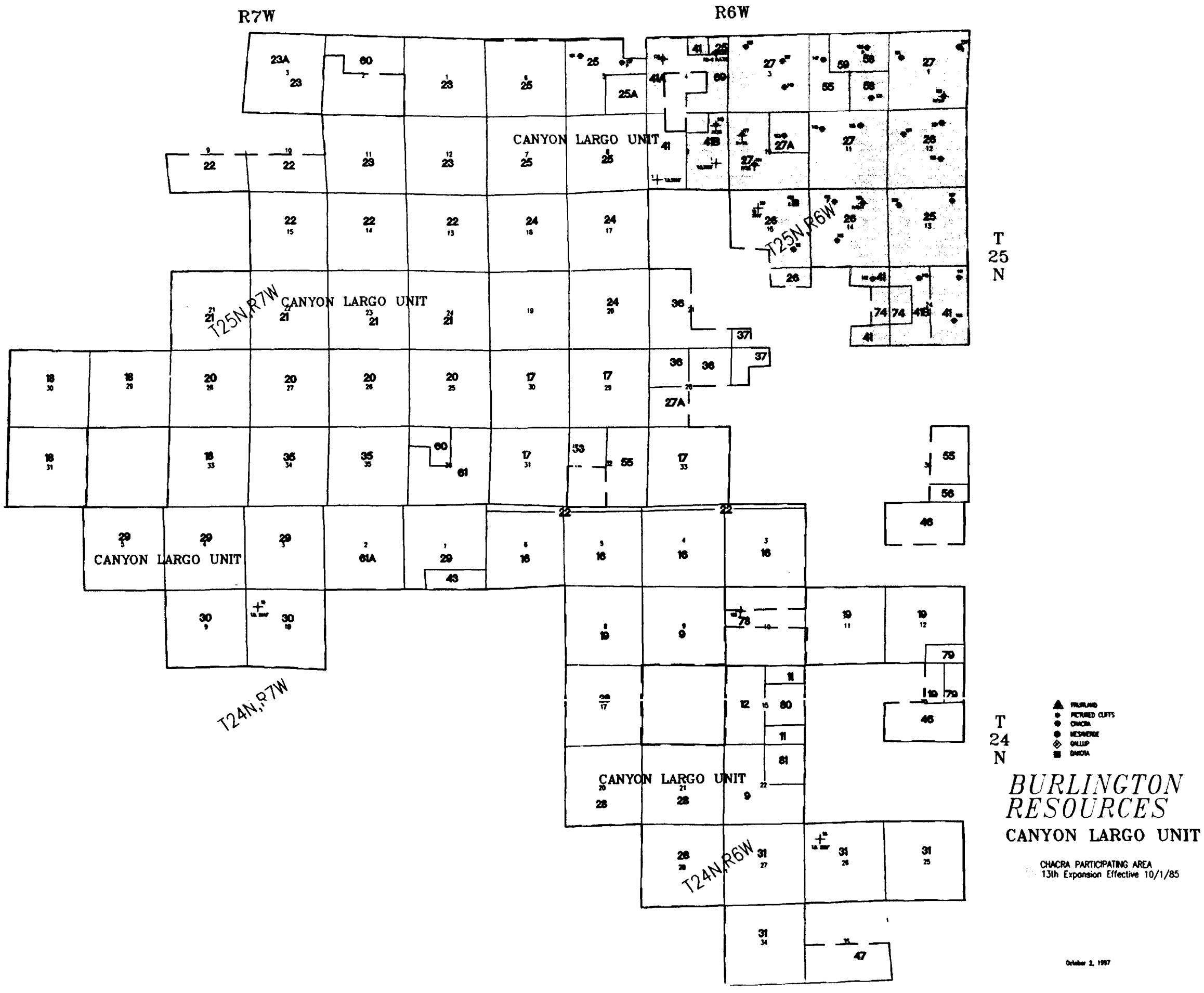
James R. J. Strickler, CPL
Senior Staff Landman

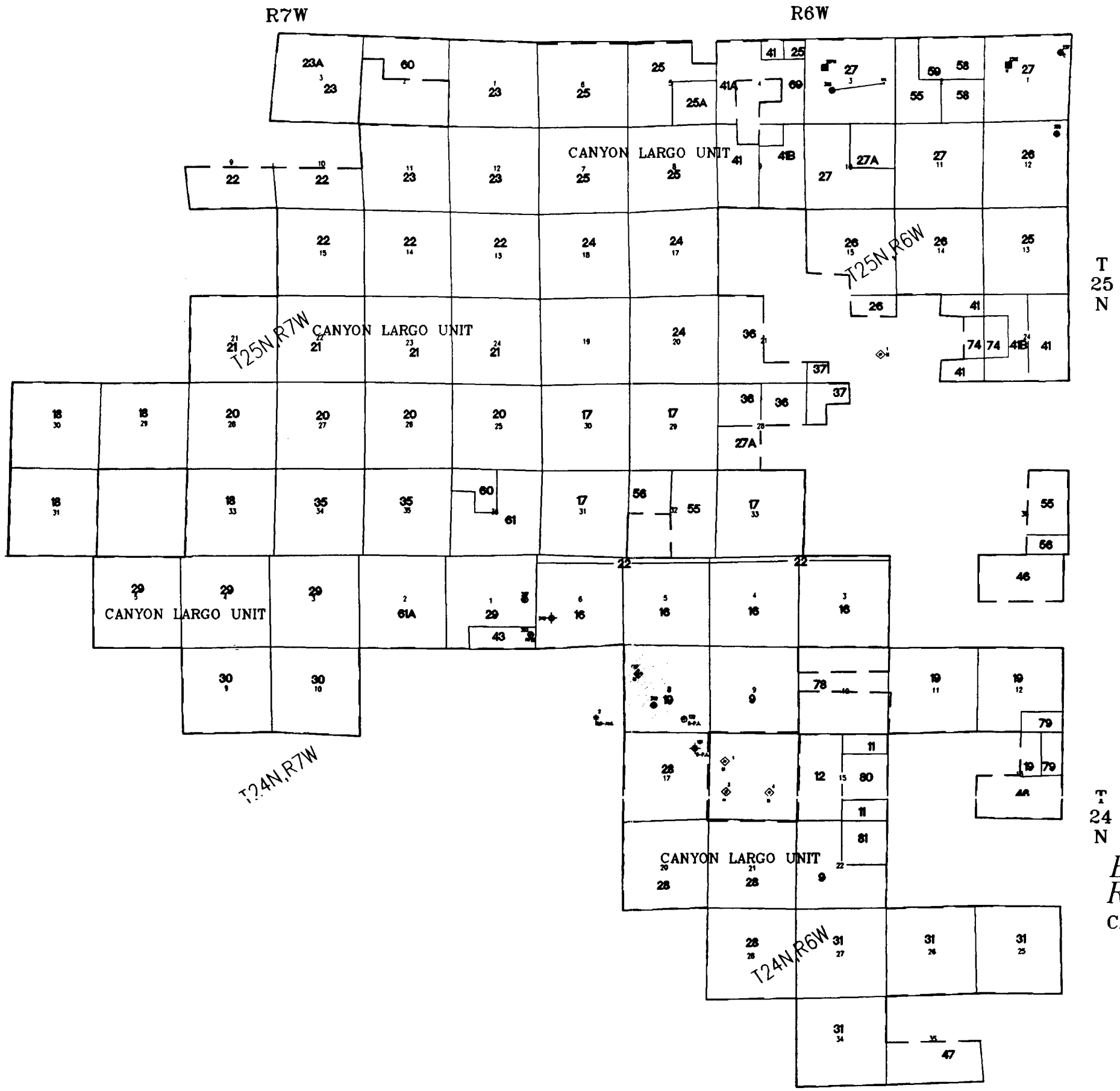
dg:JRS
clu_pod_98

File: CLU 3.0 (1998)

CANYON LARGO UNIT
1998 PLAN OF DEVELOPMENT

Bureau of Land Management	**Date**
New Mexico Oil Conservation Division	3/9/98 **Date**
New Mexico Commissioner of Public Lands	**Date**


R7W
R6W
T 25 N
T 24 N
CANYON LARGO UNIT
CANYON LARGO UNIT
CANYON LARGO UNIT
CANYON LARGO UNIT
T25N,R7W
T25N,R6W
T24N,R7W
T24N,R6W
FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA
BURLINGTON RESOURCES
CANYON LARGO UNIT
CHACRA PARTICIPATING AREA
13th Expansion Effective 10/1/85
October 2, 1997

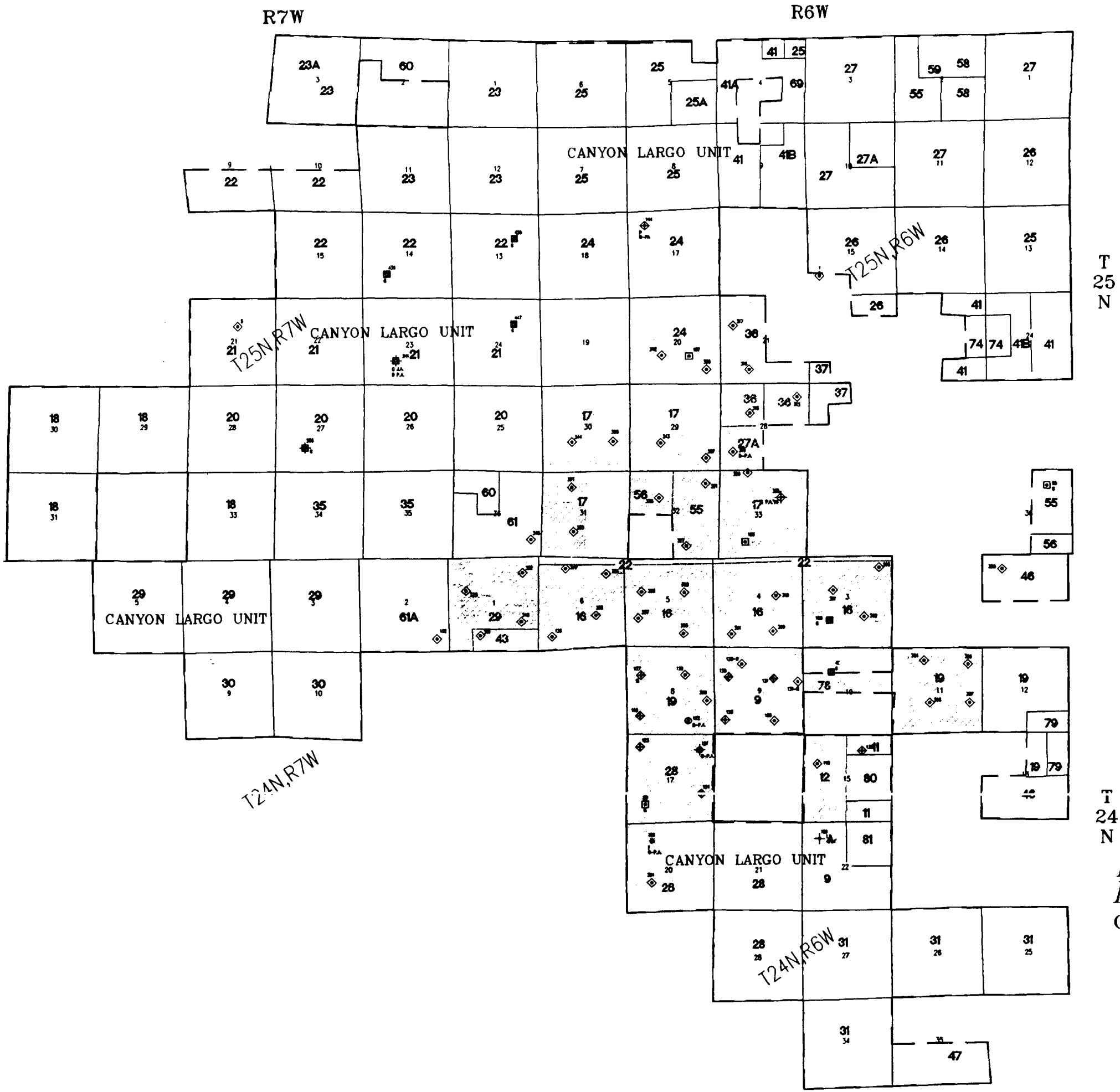


BURLINGTON RESOURCES

CANYON LARGO UNIT

MESAVERDE PARTICIPATING AREA
Initial Expansion Effective 4/18/85

October 2, 1997

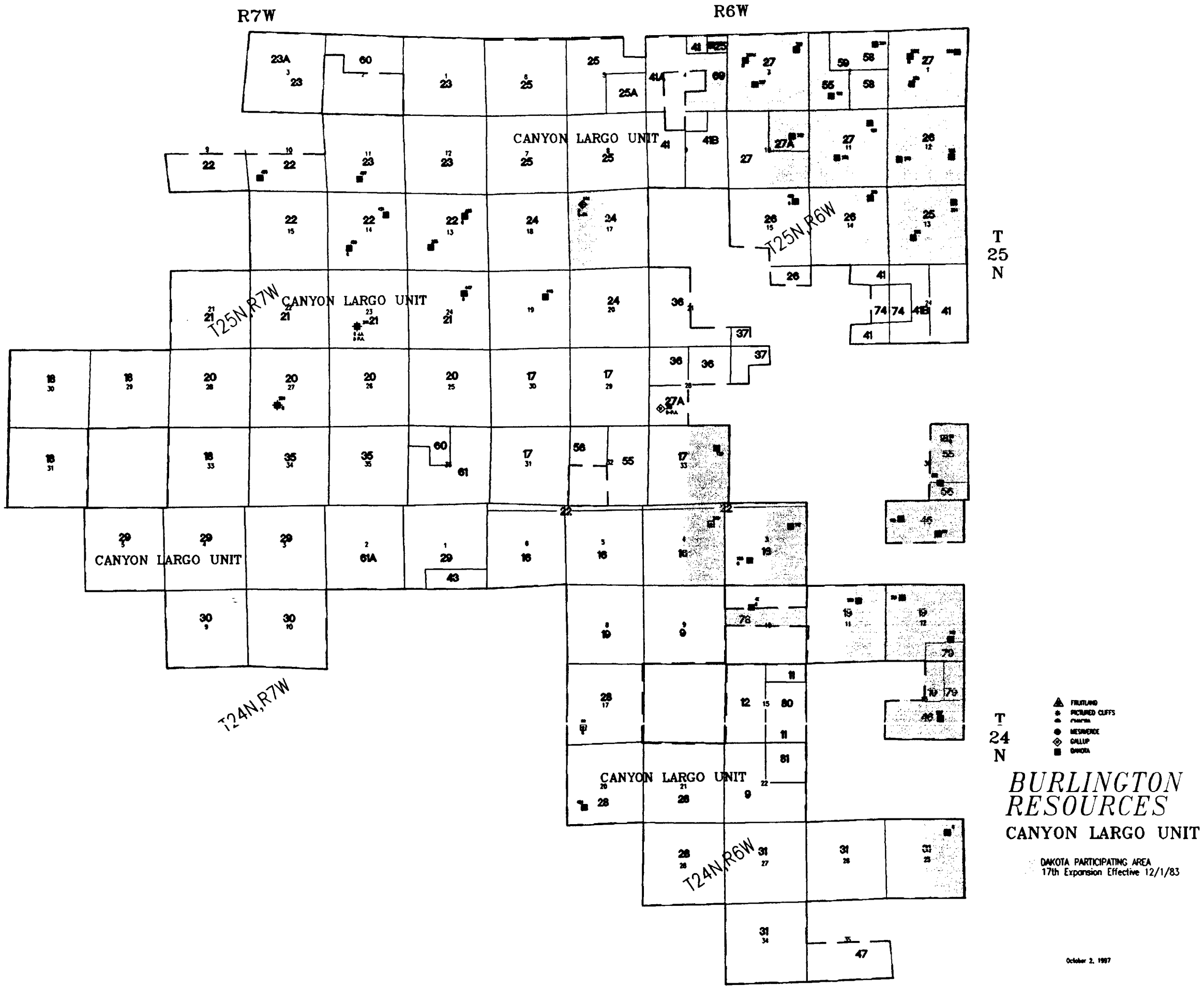


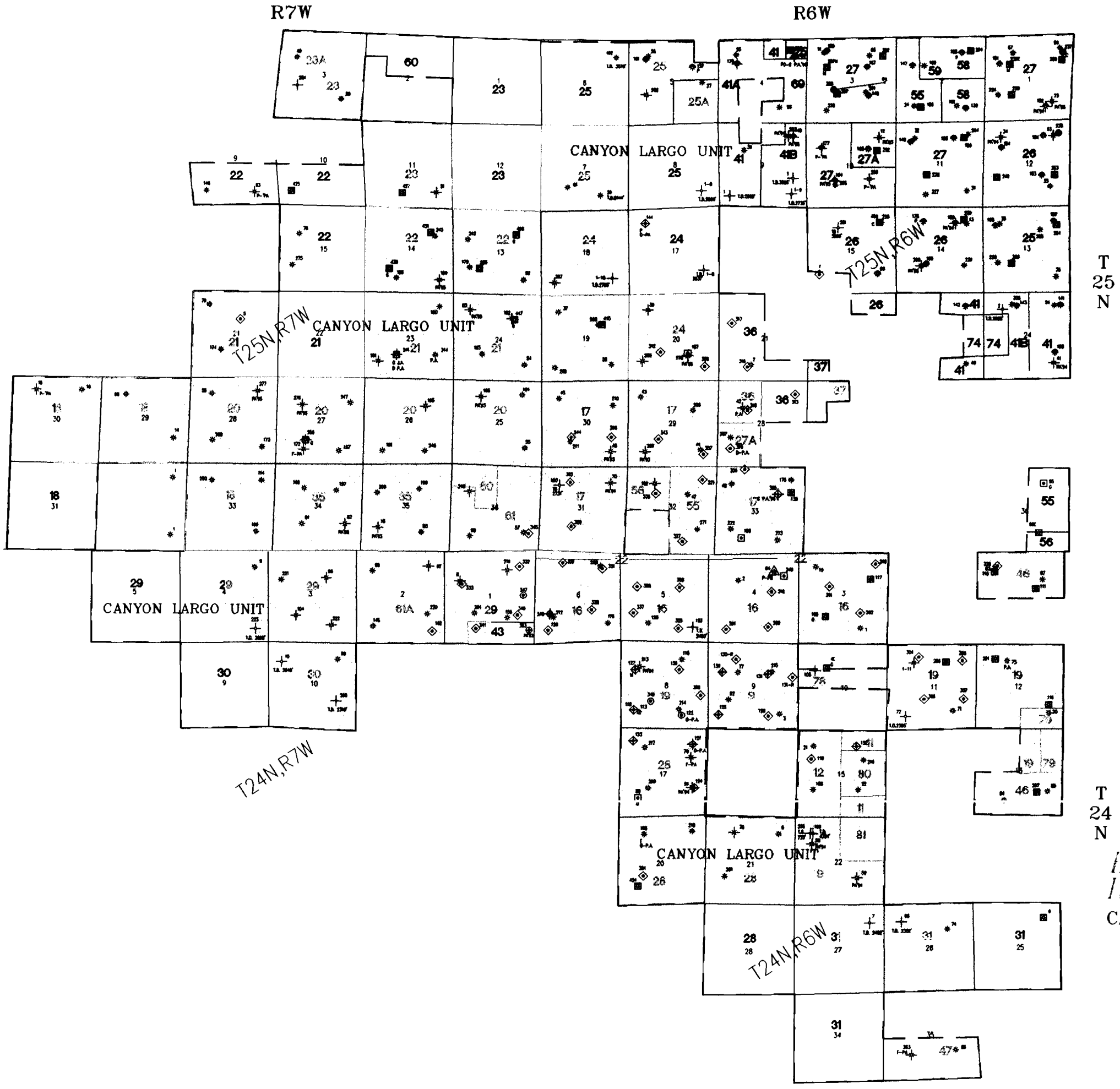
BURLINGTON RESOURCES

CANYON LARGO UNIT

GALLUP PARTICIPATING AREA
25th Expansion Effective 4/1/85

October 2, 1997


R7W
R6W
T 25 N
T 24 N
CANYON LARGO UNIT
CANYON LARGO UNIT
CANYON LARGO UNIT
CANYON LARGO UNIT
T25N,R7W
T25N,R6W
T24N,R7W
T24N,R6W
FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA
BURLINGTON RESOURCES
CANYON LARGO UNIT
DAKOTA PARTICIPATING AREA
17th Expansion Effective 12/1/83
October 2, 1997



FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
GALLUP
DAKOTA

BURLINGTON RESOURCES

CANYON LARGO UNIT

PICTURED CLIFFS PARTICIPATING AREA
46th Expansion Effective 12/1/85

October 2, 1997

541

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

July 15, 1997

Burlington Resources
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. James R. J. Strickler

Re: 1997 Plan of Development
Canyon Largo Unit
First Amendment
Rio Arriba County, New Mexico

Dear Mr. Strickler:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further deve.opment of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
cc: Reader File OCD BLM

BURLINGTON RESOURCES

SAN JUAN DIVISION

July 1, 1997

Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

N.M. Commissioner of Public Lands (2)
P.O. Box 1148
Santa Fe, NM 87501

N.M. Oil Conservation Division (2)
Energy & Minerals Department
2040 S. Pacheco
Santa Fe, NM 87505

RE: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
FIRST AMENDMENT
1997 DRILLING PROGRAM

Gentlemen:

The 1997 Drilling Program for the Canyon Largo Unit was submitted to you by our letter of March 26, 1997.

Subsequent to the submittal of said letter of March 26, 1997, one (1) additional well is proposed:

Well Number	Formation	Location
#294E	**Dakota/Mesaverde Commingle**	**E/2 Section 2, T25N, R6W**

The CLU #240E, 250E, 253E, 255E and 400 were originally proposed on March 26, 1997 as a Dakota/Mesaverde dual. Burlington wishes to amend those wells to be drilled as revised below:

Well Name	Formation	Location
CLU # 240E	**Dakota/Mesaverde Commingle**	**W/2 Sec. 12, T25N, R6W**
CLU # 250E	**Dakota/Mesaverde Commingle**	**E/2 Sec. 1, T25N, R6W**
CLU # 253E	**Dakota/Mesaverde Commingle**	**E/2 Sec. 12, T25N, R6W**
CLU # 255E	**Dakota**	**W/2 Sec. 13, T25N, R7W**
CLU # 400	**Dakota**	**E/2 Sec. 30, T25N, R7W**

All Working Interest Owners have been contacted regarding this Drilling Program, and believe that all current obligations have been satisfied.

3535 East 30th St.. 87402-8801. P.O. Box 4289. Farmington. New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

Burlington Resources Oil & Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage or unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Please contact James Strickler at (505) 326-9756 if there are any questions regarding this letter.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Sincerely,

James R. J. Strickler, CPL
Senior Staff Landman

JRS:dg
jrsjul97
xc: Canyon Largo Unit 3.0 (POD)

1997 PLAN OF DEVELOPMENT APPROVALS

APPROVED:_____ DATE:_____
Bureau of Land Management

APPROVED:_____ DATE:_____
Commissioner of Public Lands

APPROVED:_____ DATE: 7/8/97
Oil Conservation Division

The foregoing approvals for the First Amendment to the 1997 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

541

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

April 8, 1997

Burlington Resources
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. James R. J. Strickler

Re: 1997 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Dear Mr. Strickler:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
cc: Reader File OCD BLM

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 26,1997

New Mexico Oil Conservation Division (2)
Energy Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

New Mexico Commissioner of (2)
Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

Bureau Of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

RE: CANYON LARGO UNIT #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
1997 DRILLING PROGRAM

Gentlemen:

Burlington Resources Oil & Gas Company, (Formerly Meridian Oil Inc. by name change 7-11-96), as the Unit Operator, for the Canyon Largo Unit presents the following 1996 review of operations and the 1997 Plan of Development for your approval.

1996 Review of Operations

The following wells were proposed (Merrion Oil & Gas Corporation is the Sub-Operator of the Gallup Formation) but not drilled during 1996, and are to be carried over in 1997:

WELL NAME	FORMATION	LOCATION
CLU # 394	Gallup	W/2 Sec. 20, T25N, R6W
CLU # 395	Gallup	E/2 Sec. 20, T25N, R6W
CLU # 396	Gallup	W/2 Sec. 29, T25N, R6W
CLU # 397	Gallup	E/2 Sec. 29, T25N, R6W
CLU # 398	Gallup	W/2 Sec. 30, T25N, R6W

The following participating areas currently exist in the unit:

FORMATION	EXPANSION	EFFECTIVE DATE
Chacra	13th	10/1/85
Pictured Cliffs	46th	12/1/85
Mesaverde	Initial	4/18/85
Gallup	25th	4/1/85
Dakota	17th	2/1/83

3535 East 30th St., 87402-8801. P.O. Box 4289, Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Burlington Resources Oil & Gas Company, as unit operator, proposes a drilling program providing for the drilling of the following wells in 1997:

WELL NAME	FORMATION	LOCATION
CLU # 240E	Dakota/Mesaverde Dual	W/2 Sec. 12, T25N, R6W
CLU # 250E	Dakota/Mesaverde Dual	E/2 Sec. 1, T25N, R6W
CLU # 253E	Dakota/Mesaverde Dual	E/2 Sec. 12, T25N, R6W
CLU # 255E	Dakota/Mesaverde Dual	W/2 Sec. 13, T25N, R7W
CLU # 400	Dakota/Mesaverde Dual	E/2 Sec. 30, T25N, R7W

Unit Agreement stipulates 320.00 acre drillblock. Gallup wells drilled under state spacing is 160.00 acres under Devils Fork Gallup pool.

The working interest owners are being contacted regarding the Drilling Program by copy of this letter. Burlington Resources Oil & Gas Company, and the working interest owners believe that all current obligations have been satisfied.

Burlington Resources Oil & Gas Company, as unit operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the unit operator and the working interest owners.

In accordance with Section 10 of the Unit Agreement, please advise of your approval by executing in the space provided below and return a copy to the undersigned.

Please contact James Strickler at (505) 326-9756 if there are any questions regarding this letter.

Sincerely,

James R. J. Strickler, CPL
Senior Staff Landman

JRS:dg
jrsmar97
4-5

Enclosures

xc: Canyon Largo Unit 3.0
Jamin McNeil
Joan Easley
Canyon Largo Unit WIO

APPROVED: _____ DATE: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
The Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner o Public Lands
(Subject to like approval by the
Bureau of Land Management and
The Oil Conservation Division)

APPROVED: By E. Johnson DATE: 3/27/97

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
Commissioner of Public Lands)

State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

'96 MAR 8 52

March 14, 1996

Meridian Oil Inc.
Post Office Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. James R. J. Strickler

Re: 1996 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Dear Mr. Strickler:

The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/LK/cpm
cc: Reader File Commissioner's File OCD TRD BLM

MERIDIAN OIL
A Subsidiary of BURLINGTON RESOURCES

12

March 8,1996

New Mexico Oil Conservation Division (2)
Energy Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

New Mexico Commissioner of (2)
Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

#541

Bureau Of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

RE: CANYON LARGO UNIT #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
1996 DRILLING PROGRAM

Gentlemen:

By letter dated March 17, 1995, September 13, 1995 (first amendment), Meridian Oil Inc., as unit operator for the Canyon Largo Unit, filed a drilling program provided for the drilling of eight (8) wells in 1995 and eight (8) 1994 carryover wells. During 1995 and 1996 (1st two months), the following six (6) wells were drilled within the unit as follows:

1995 and 1996 (1st two months) Review of Operations

WELL NAME	FORMATION	LOCATION	COM DATE	REMARKS
CLU # 427	Dakota	W/2 Sec. 11, T25N, R7W	11/19/95	1994 carryover
CLU # 428	Gallup/Dakota	E/2 Sec. 13, T25N, R7W	12/10/95	1994 carryover
CLU # 430	Dakota/Gallup	W/2 Sec. 14, T25N, R7W	1/7/96	1994 carryover
CLU # 447	Dakota/Gallup	E/2 Sec. 24, T25N, R7W	1/7/96	1994 carryover
CLU # 239E	Dakota/Mesaverde	W/2 Sec. 1, T25N, R6W	1/27/96	1995 Well
CLU # 287M	Dakota/Mesaverde	W/2 Sec. 3, T25N, R6W	2/7/96	1995 Well
CLU # 392	Gallup	E/2 Sec. 30, T25N, R6W	Drilled 1/96	1995 well, waiting on Pipeline connection to complete.

The following participating areas currently exist in the unit:

FORMATION	EXPANSION	EFFECTIVE DATE
Chacra	13th	10/1/85
Pictured Cliffs	46th	12/1/85
Mesaverde	Initial	4/18/85
Gallup	25th	4/1/85
Dakota	17th	2/1/83

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Meridian Oil Inc., as unit operator, proposes a drilling program providing for the drilling of the following wells in 1996:

WELL NAME	FORMATION	LOCATION
CLU # 394	Gallup	W/2 Sec. 20, T25N. R6W
CLU # 395	Gallup	E/2 Sec. 20, T25N, R6W
CLU # 396	Gallup	W/2 Sec. 29, T25N, R6W
CLU # 397	Gallup	E/2 Sec. 29, T25N, R6W
CLU # 398	Gallup	W/2 Sec. 30, T25N, R6W

P.O. Box 4289. Farmington. New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833
3535 East 30th St.. 87402-8891

Unit Agreement stipulates 320.00 acre drillblock. Gallup wells drilled under state spacing is 160.00 acres under Devils Fork Gallup pool.

The working interest owners are being contacted regarding the Drilling Program. Meridian Oil Inc., and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc. as unit operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the unit operator and the working interest owners.

In accordance with Section 10 of the Unit Agreement, please advise of your approval by executing in the space provided below and return a copy to the undersigned.

Please contact James Strickler at (505) 326-9756 if there are any questions regarding this letter.

Copies of this letter are being sent to the working interest owners shown on the attached list.

Sincerely,

James R. J. Strickler, CPL
Senior Staff Landman

JRS:mt
mar.8-9

Enclosures

xc: Canyon Largo Unit 3.0
Tom Mullins

APPROVED: _____ DATE: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
The Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner o Public Lands
(Subject to like approval by the
Bureau of Land Management and
The Oil Conservation Division)

APPROVED: _____ DATE: 3/15/96

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
Commissioner of Public Lands)

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon/Pattie A. B. Lundell/ Linda J. L. Lindsey /Susan B. Porter/Carolyn B. Tilley/James R. Beamon Trustee/James R. Beamon/Sheryl A. Lundell Tom L. Hail/Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell
Bolack Minerals Company
Burton & Hawks Oil Company
Catherine W. Fikes
Cherokee Resources, Inc.
Cinco General Partnership
Conoco, Inc.
Dugan Production Corporation
El Paso Production Company
Four Star Oil & Gas Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Hugh McMillan Trust
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Meridian Oil Production Inc.
Merrion Oil & Gas Corporation
Minel, Inc.
PC. Ltd.
Richard T. C. Tulley
Robert L. Bayless
Southland Royalty Company
Speerex Limited Partnership
Steven S. Dunn
Sylvia F. Little Trust
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Vastar Resources, Inc. (formerly ARCO)

State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

OIL CONSER
RE
'95 SE 8 52

September 19, 1995

Meridian Oil
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Mr. James R. J. Strickler

Re: 1995 Plan of Development
Canyon Largo Unit
First Amendment
Rio Arriba County, New Mexico

Dear Mr. Strickler:

The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:
JAMI BAILEY, Deputy Director
Oil/Gas and Minerals Division
(505) 827-5745

RP/JB/cpm
Enclosure
cc: Reader File
OCD-Roy Johnson
BLM

MERIDIAN OIL
A Subsidiary of BURLINGTON RESOURCES

DIVISION
52

September 13,1995

New Mexico Oil Conservation Division (2)
Energy Minerals Department
2040 South Pacheco
Santa Fe, NM 87505

New Mexico Commissioner of (2)
Public Lands
P.O. Box 1148
Santa Fe, NM 87504-1148

Bureau Of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

RE: CANYON LARGO UNIT #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDMENT
1995 DRILLING PROGRAM

Gentlemen:

The 1995 Drilling Program for the Canyon Largo Unit, was submitted to you by our letter of March 17, 1995.

Subsequent to the submittal of said letter of March 17, 1995, three (3) additional wells have been proposed.

WELL NUMBER	DRILLING BLOCK	FORMATION
#166E	W/2 Sec. 2, T25N, R6W	Dakota/Mesaverde Dual
#239E	W/2 Sec. 1, T25N, R6W	Dakota/Mesaverde Dual
#287E	W/2 Sec. 3, T25N, R6W	Dakota/Mesaverde Dual

All Working Interest Owners have been contacted regarding this Drilling Program. Meridian Oil Inc., and the Working Interest Owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the Working Interest Owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the Working Interest Owners shown on the attached sheet.

Very truly yours,

James R.J. Strickler, CPL
Senior Staff Landman

JRS:mt
sept/3
Enclosures

xc: Canyon Largo Unit 3.0

P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700 Fax 505-326-9833
3535 East 30th St., 87402-8891

APPROVED: _____ DATE: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
The Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner o Public Lands
(Subject to like approval by the
Bureau of Land Management and
The Oil Conservation Division)

APPROVED: _____ DATE: 9-22-95

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
Commissioner of Public Lands)

The foregoing approvals for the First Amendment to the 19950 Plan Of Development for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon Trustee/R. Beamon/Pattie A. B. Lundell/L.J. Lundell Lindsey/Carolyn B. Tilley/James R. Beamon Trustee/James R. Beamon/Sheryl A. Lundell Tom L. Hail/Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell/Linda J. Lundell
Bolack Minerals Company
Burton & Hawks Oil Company
Catherine W. Fikes
Cherokee Resources, Inc.
Cinco General Partnership
Conoco, Inc.
Dugan Production Corporation
El Paso Production Company
Four Star Oil & Gas Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Hugh McMillan Trust
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Meridian Oil Production Inc.
Merrion Oil & Gas Corporation
Minel, Inc.
PC. Ltd.
Richard T. C. Tulley
Robert L. Bayless
Sheryl A. Lundell Revocable Trust
Southland Royalty Company
Speerex Limited Partnership
Steven S. Dunn
Sylvia F. Little Trust
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Vastar Resources, Inc. (formerly ARCO)

#541

MERIDIAN OIL

[illegible] DIVISION
[illegible]

'95 [illegible] PM 8 52

March 17, 1995

Bureau of Land Management (3)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

N.M. Commissioner of Public Lands (2)
P.O. Box 1148
Santa Fe, NM 87501

N.M. Oil Conservation Division (2)
Energy & Minerals Department
2040 S. Pacheco
Santa Fe, NM 87505

RE: CANYON LARGO UNIT. #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
1995 PLAN OF DEVELOPMENT

Gentlemen:

By letter dated February 25, 1994, October 5, 1994 (First Amendment), Meridian Oil Inc., as Unit Operator for the Canyon Largo Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1994. The 1994 Drilling Program provided for the drilling of thirteen (13) wells. Five (5) of the wells were drilled and the eight (8) wells proposed under the First Amendment will be carried over and drilled under the 1995 Plan of Development.

The following Participating Areas currently exist in the Unit:

FORMATION	EXPANSION	EFFECTIVE DATE
Chacra	13th	10-01-85
Pictured Cliffs	46th	12-01-85
Mesaverde	Initial	4-18-85
Gallup	25th	4-01-85
Dakota	17th	2-01-83

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Meridian Oil Inc.,as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following well in 1995:

P.O. Box 4289 Farmington, New Mexico 87499-4289. Telephone 505-326-9700. Fax 505-326-9833
3535 East 30th St., 87402-8891

WELL NUMBER	DRILLING BLOCK	FORMATION
#407*	W/2 Section 14, T25N, R6W	Gallup/Dakota Dual
#427*	W/2 Section 11, T25N, R7W	Dakota
#428*	E/2 Section 13, T25N, R7W	Gallup/Dakota Dual
#429*	W/2 Section 12, T25N, R7W	Pictured Cliffs/Dakota Dual
#430*	W/2 Section 14, T25N, R7W	Gallup/Dakota Dual
#433*	W/2 Section 21, T24N, R6W	Gallup/Dakota Dual
#437*	W/2 Section 25, T24N, R6W	Pictured Cliffs/Dakota Dual
#447*	E/2 Section 24, T25N, R7W	Gallup/ Dakota Dual
#389	E/2 (NW/4 SE/4) Section 8, T24N, R06W	Mesaverde (Oil)
#390	E/2 (SE/4 SE/4) Section 8, T24N, R06W	Mesaverde (Oil)
#391	E/2 (NW/4 NE/4) Section 17, T24N, R06W	Mesaverde (Oil)
#392	E/2 Section 30, T25N, R06W	Gallup
#393	W/2 Section 31, T25N, R06W	Gallup

*Carried over from First Amendment 1994 Drilling Program

Unit Agreement stipulates 320 acre drill blocks. Mesaverde (Oil) drilled under State Spacing is 40 acres under Devil's Fork Mesaverde Pool.

The working interest owners are being contacted regarding the Drilling Program. Meridian Oil Inc., and the working interest owners believe that all current obligations have been satisified.

Meridian Oil Inc. as Unit Operator, plans to drill any offset wells requires to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

In accordance with section 10 of the Unit Agreement, please advise of your approval by executing in the space provided below and return a copy to the undersigned.

Please contact Van Goebel at (505) 326-9759 if there are any questions regarding this letter.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van Goebel
Senior Landman

Enclosures
Canyon Largo Unit 3.0 (1995)

1995 PLAN OF DEVELOPMENT APPROVALS

APPROVED: _____ DATE: _____
Bureau of Land Management

APPROVED: _____ DATE: _____
Commissioner of Public Lands

APPROVED: _____ DATE: 3-22-95
Oil Conservation Division

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon Trustee/R. Beamon/Pattie A. B. Lundell/L.J. Lundell
Lindsey/Carolyn B. Tilley/James R. Beamon Trustee/James R. Beamon/Sheryl A. Lundell
Tom L. Hail/Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell/Linda J. Lundell
Bolack Minerals Company
Burton & Hawks Oil Company
Catherine W. Fikes
Cinco General Partnership
Conoco, Inc.
Dugan Production Corporation
El Paso Production Company
Four Star Oil & Gas Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Meridian Oil Production Inc.
Merrion Foundation
Merrion Oil & Gas Corporation
Minel, Inc.
PC. Ltd.
Richard T. C. Tulley
Robert L. Bayless
Sheryl A. Lundell Revocable Trust
Southland Royalty Company
Speerex Limited Partnership
Sylvia F. Little Trust
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Vastar Resources, Inc. (formerly ARCO)
William G. Webb

MERIDIAN OIL

November 18, 1994

New Mexico Oil Conservation Division
Attn: Mr. W.J. Leman
P.O. Box 1148
Santa Fe, NM 87504

Bureau of Land Management
Attn: State Director
P.O. Box 1449
Santa Fe, NM 87501

New Mexico Commissioner of
Public Lands
P.O. Box 1148
Sante Fe, NM 87504-1148

RE: CANYON LARGO UNIT #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
AMENDMENT TO FIRST AMENDMENT
1994 DRILLING PROGRAM

Gentlemen:

In our letter dated October 5, 1994 (copy enclosed) we submitted for your approval the First Amendment to the 1994 Drilling Program. After further evaluation two (2) of the proposed wells will be changed as to the objective formations. The wells are as follows:

WELL NUMBER	DRILLING BLOCK	FORMATION
#427	W/2 Section 11, T25N, R7W	Dakota
#428	E/2 Section 13, T25N, R7W	Gallup/ Dakota

We apologize for any inconvenience this change may have caused. Copies of this letter is also being sent to the Unit Working Interest Owners.

Very truly yours,

Van L. Goebel
Senior Landman

VLG/dmg
Enclosures
Canyon Largo Unit 3.0 (POD)

P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700 Fax 505-326-9833
3535 East 30th St., 87402-8891

CANYON LARGO UNIT WORKING INTEREST OWNERS

A. G. Hill
Amoco Production Company
Beamon/Lundell Group: Robert Beamon Trustee/R. Beamon/Pattie A. B. Lundell/L.J. Lundell Lindsey/Carolyn B. Tilley/James R. Beamon Trustee/James R. Beamon/Sheryl A. Lundell Tom L. Hail/Cathryn Beamon/Claudia M. L. Gilmer/Robert W. Lundell/Linda J. Lundell
Bolack Minerals Company
Burton & Hawks Oil Company
Catherine W. Fikes
Cinco General Partnership
Conoco, Inc.
Dugan Production Corporation
El Paso Production Company
Henrietta E. Schultz, Trustee
Frederick E. Luhn
Iris V. Balbach
J. Glenn Turner, Jr.
Joe F. Elledge
Judy St. John Taylor
Kimbell Oil Company
Leland Fikes Foundation, Inc.
Lorna A. Harvey
Marcia Pauline McAnally
Meridian Oil Production Inc.
Merrion Foundation
Merrion Oil & Gas Corporation
Minel, Inc.
PC. Ltd.
Richard T. C. Tulley
Robert L. Bayless
Sheryl A. Lundell Revocable Trust
Southland Royalty Company
Speerex Limited Partnership
Sylvia F. Little Trust
Texaco Exploration & Production Inc.
The FTW National Bank-GMFG Oil Account No. 3153
The Wiser Oil Company
Thelma J. Famariss
Vastar Resources, Inc. (formerly ARCO)
William G. Webb

October 5.1994

New Mexico Oil Conservation Division
Attn: Mr. W.J. Leman
P.O. Box 1148
Santa Fe, NM 87504

New Mexico Commissioner of
Public Lands
P.O. Box 1148
Sante Fe, NM 87504-1148

Bureau of Land Management
Attn: State Director
P.O. Box 1449
Santa Fe, NM 87501

RE: CANYON LARGO UNIT #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDMENT
1994 DRILLING PROGRAM

Gentlemen:

The 1994 Drilling Program for the Canyon Largo Unit, was submitted to you by our letter of February 25, 1994..

Subsequent to the submittal of said letter of February 25, 1994, eight (8) additional wells have been proposed.

WELL NUMBER	DRILLING BLOCK	FORMATION
#407	W/2 Section 14, T25N, R6W	Gallup/Dakota Dual
#427	W/2 Section 11, T25N, R7W	Pictured Cliffs/Dakota Dual
#428	E/2 Section 13, T25N, R7W	Pictured Cliffs/Dakota Dual
#429	W/2 Section 12, T25N, R7W	Pictured Cliffs/Dakota Dual
#430	W/2 Section 14, T25N, R7W	Gallup/Dakota Dual
#433	W/2 Section 21, T24N, R6W	Gallup/Dakota Dual
#437	W/2 Section 25, T24N, R6W	Pictured Cliffs/Dakota Dual
#447	E/2 Section 24, T25N, R7W	Gallup/ Dakota Dual

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil. Inc. and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc. as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel
Senior Landman

VLG/dmg
Enclosures
OCT/4
Canyon Largo Unit, 3.0

APPROVED: _____ DATE: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
The Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner o Public Lands
(Subject to like approval by the
Bureau of Land Management and
The Oil Conservation Division)

APPROVED: _____ DATE: 12-6-94

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
Commissioner of Public Lands)

The foregoing approvals for the First Amendment to the 1994 Plan Of Development for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

MERIDIAN OIL

October 5,1994

New Mexico Oil Conservation Division
Attn: Mr. W.J. Leman
P.O. Box 1148
Santa Fe, NM 87504

New Mexico Commissioner of
Public Lands
P.O. Box 1148
Sante Fe, NM 87504-1148

Bureau of Land Management
Attn: State Director
P.O. Box 1449
Santa Fe, NM 87501

RE: CANYON LARGO UNIT #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDMENT
1994 DRILLING PROGRAM

Gentlemen:

The 1994 Drilling Program for the Canyon Largo Unit, was submitted to you by our letter of February 25, 1994..

Subsequent to the submittal of said letter of February 25, 1994, eight (8) additional wells have been proposed.

WELL NUMBER	DRILLING BLOCK	FORMATION
#407	W/2 Section 14, T25N, R6W	Gallup/Dakota Dual
#427	W/2 Section 11, T25N, R7W	Pictured Cliffs/Dakota Dual
#428	E/2 Section 13, T25N, R7W	Pictured Cliffs/Dakota Dual
#429	W/2 Section 12, T25N, R7W	Pictured Cliffs/Dakota Dual
#430	W/2 Section 14, T25N, R7W	Gallup/Dakota Dual
#433	W/2 Section 21, T24N, R6W	Gallup/Dakota Dual
#437	W/2 Section 25, T24N, R6W	Pictured Cliffs/Dakota Dual
#447	E/2 Section 24, T25N, R7W	Gallup/ Dakota Dual

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil. Inc. and the working interest owners believe that all current obligations have been satisfied.

P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833
3535 East 30th St. 87402-8891

Meridian Oil Inc. as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel
Senior Landman

VLG/dmg
Enclosures
OCT/4
Canyon Largo Unit, 3.0

APPROVED: _____ DATE: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
The Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner o Public Lands
(Subject to like approval by the
Bureau of Land Management and
The Oil Conservation Division)

APPROVED: _____ DATE: 10/11/94

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
Commissioner of Public Lands)

The foregoing approvals for the First Amendment to the 1994 Plan Of Development for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

SLO REF NO. OG-1378

March 21, 1994

Meridian Oil, Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: 1994 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

RBP/FOP/pm
cc: OCD -Roy Johnson
BLM

MERIDIAN OIL

February 25, 1994

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

N.M. Oil Conservation Division
Energy & Minerals Department
P.O. Box 2088
Santa Fe, NM 87504

N.M. Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87501

RE: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1994 Drilling Program

Gentlemen:

By letter dated January 19, 1993, April 5, 1993 (first amendment), October 6, 1993 (second amendment), Meridian Oil Inc., as Unit Operator, for the Canyon Largo Unit, filed a Drilling Program concerning the captioned unit for the calendar year 1993. The 1993 Drilling Program provided for the drilling of three (3) Pictured Cliffs wells (#367, #369, #370), one (1) High Angle MesaVerde well (#388) and a recompletion wherein the Gallup was plugged and the well recompleted to the Pictured Cliffs formation (#144). The #367, #369, and #370 Pictured Cliffs wells were subsequently dropped from the drilling program. The #388 and #144 work has been performed and is being evaluated at this time. As of this date, the total number of completions within the Canyon Largo Unit is as follows:

Fruitland Coal, Non-Commercial	4
Pictured Cliffs, Commercial	161
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	1
Pictured Cliffs, Plugged and Abandoned	19
Pictured Cliffs/Chacra Dual, Commercial	5
Pictured Cliffs/Chacra Dual, Chacra Non-Commercial	1
Pictured Cliffs/Chacra Dual, Plugged and Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde Dual, Mesaverde Non-Commercial	1
Mesaverde, Plugged Back from Gallup	2
Mesaverde, Being Evaluated	5
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged and Abandoned	3
Gallup/Dakota Dual Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual,1 Dakota non-Commercial	1
Gallup/Dakota Dual, Gallup Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non-Commercial	4
TOTAL	332

Meridian Oil Inc. 3535 East 30th St. P.O. Box 4289, Farmington, New Mexico 87499-4289 Telephone 505-326-97[illegible]0

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following wells in 1994:

Well Name	Drilling Block	Formation
Canyon Largo Unit #409	E/2 Section 15, T-25-N, R-6-W	Chacra/Dakota Dual
Canyon Largo Unit #415	E/2 Section 19, T-25-N, R-6-W	Dakota
Canyon Largo Unit #425	S/2 Section 10, T-25-N, R-7-W	Dakota
Canyon Largo Unit #431	E/2 Section 14, T-25-N, R-7-W	Dakota
Canyon Largo Unit #434	W/2 Section 20, T-24-N, R-6-W	Dakota

All Working Interest Owners have been contacted regarding this Drilling Program. Meridian Oil Inc. and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Kent Beers
Attorney-in-Fact VLG

VLG/cj
vlgfeb.5
Enclosures
Canyon Largo Unit, 3.0

APPROVED: _____ DATE: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

APPROVED: _____ DATE: 3/14/94

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1994 Plan of Development for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Texas Commerce Trust Company, National Assoc. as Trustee under a Trust Created for the benefit of Mary Frances Turner, Jr.

Amoco Production Company

Vastar Resources, Inc. (formerly Arco)

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of: Robert Beamon Trustee/Robert Beamon/Pattie Ann Beamon Lundell/Tom L. Hail/Cathryn Beamon/ Claudia M. Lundell Gilmer/Robert Walter Lundell/ Linda J. Lundell Lindsey/Carolyn Beamon Tilley James R. Beamon Trust/James Robert Beamon/ Sheryl A. Lundell

Bolack Minerals Company

Elizabeth J. Turner Calloway

Cinco General Partnership

Conoco, Inc.

Fred E. Luhm

Dugan Production Corporation

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Judy St. John Taylor

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

J. Gregory Merrion

Lorna A. Harvey

Burton & Hawks Oil Company

Mr. A. G. Hill

Kimbell Oil Company

Syliva F. Little Trust

Hugh McMillan Trust

Marcia Pauline McAnally

Meridian Oil Production Inc.

D. J. Merrion Trust

Merrion Foundation

Merrion Investment Company

Merrion Oil & Gas Corp.

William W. Merrion

Minel, Inc.

PC, Ltd.

Frank A. Schultz, Trustee

Speerex Limited Partnership

Texaco Exploration & Production Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

William G. Webb

Wiser Oil Company

State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

January 13, 1994

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Mr. Van L. Goebel

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
Notice of Non-Commercial Wells
Fruitland Formation
Well Nos. 64, 76

Dear Mr. Goebel:

The Bureau of Land Management has advised this office that the Canyon Largo Unit Well Nos. 64 and 76 have been determined non-commercial and therefore not entitled to receive a participating area.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determination that the Canyon Largo Unit Well Nos. 64 and 76 are non-commercial in the Fruitland Coal Formation and production should be reported on a lease basis.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
RBP/FOP/pm
cc: Reader File
BLM - Farmington
OCD
TRD

RAY B. POWELL
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

November 3, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Mr. Kent Beers

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
Notice of Non-Commercial Wells
Fruitland Formation
Well Nos. 64, 76, 172,263

Dear Mr. Beers:

The Bureau of Land Management has advised this office that the Canyon Largo Unit Well Nos. 172 and 263 have been determined non-commercial and therefore not entitled to receive a participating area.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determination that the Canyon Largo Unit Well Nos. 172 and 263 are non-commercial in the Fruitland Coal Formation and production should be reported on a lease basis. Please submit additional data to support your contention that the Well Nos. 64 and 76 are non-commercial.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
RBP/FOP/pm
cc: Reader File
BLM - Farmington
OCD
TRD

MERIDIAN OIL

OIL CONSER[illegible]
RE[illegible]

'93 NO[illegible] AM 9 58

October 26, 1993

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

N.M. Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87501

N.M. Oil Conservation Division
Energy & Minerals Department
P.O. Box 2088
Santa Fe, NM 87504

RE: CANYON LARGO UNIT
#14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
APPROVAL FOR SECOND AMENDMENT
FOR 1993 PLAN OF DEVELOPMENT

Gentlemen:

The Second Amendment for the 1993 Plan of Development for the Canyon Largo Unit has been approved by the regulatory agencies as follows:

Bureau of Land Management	10-12-93
Commissioner of Public Lands	10-21-93
Oil Conservation Division	10-12-93

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel
Senior Landman

VLG/pr
vlgoct.31
Canyon Largo Unit, 3.0
Attachment

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505 326-9[illegible]

CANYON LARGO UNIT WORKING INTEREST OWNERS

Texas Commerce Trust Company, National Assoc. as Trustee under a Trust Created for the benefit of Mary Frances Turner, Jr.

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of: Robert Beamon Trustee/Robert Beamon/Pattie Ann Beamon Lundell/Tom L. Hail/Cathryn Beamon/ Claudia M. Lundell Gilmer/Robert Walter Lundell/ Linda J. Lundell Lindsey/Carolyn Beamon Tilley James R. Beamon Trust/James Robert Beamon/ Sheryl A. Lundell

Bolack Minerals Company

Elizabeth J. Turner Calloway

Cinco General Partnership

Conoco, Inc.

Fred E. Luhm

Dugan Production Company

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Walter Famariss, Jr. & Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank GMFG Oil Account No. 3153

J. Gregory Merrion

Lorna A. Harvey

Burton & Hawks Oil Company

Mr. A. G. Hill

Kimbell Oil Company

Syliva F. Little Trust

Hugh McMillan Trust

Marcia Pauline McAnally

Meridian Oil Production Inc.

D. J. Merrion Trust

Merrion Foundation

Merrion Investment Company

Merrion Oil & Gas Corp.

William W. Merrion

Minel, Inc.

PC, Ltd.

Frank A. Schultz, Trustee

Speerex Limited Partnership

Texaco Exploration & Production Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

William G. Webb

Wiser Oil Company

Judy St. John Taylor

541

RAY B. POWELL
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1329

October 21, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: Second Amendment 1993 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

RBP/FOP/pm
cc: OCD
BLM

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED

'93 OCT 8 AM 9 36

October 6, 1993

Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401

New Mexico Commissioner of Public Lands
P.O. Box 1148
310 Old Santa Fe Trail
Santa Fe, NM 87501

NM Oil Conservation Division
c/o Energy & Minerals Department
P.O. Box 2088
310 Old Santa Fe Trail
Santa Fe, NM 87504-2088

RE: CANYON LARGO UNIT, #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
SECOND AMENDMENT-
1993 DRILLING PROGRAM

Gentlemen:

The 1993 Drilling Program for the Canyon Largo Unit, was submitted to you by our letter of January 19, 1993.

Subsequent to the submittal of said letters of January 19, 1993 and April 5, 1993 (First Amendment) one (1) additional well has been proposed.

Well No.	Drilling Block	Formation
#144	W/2, Section 17, T25N, R6W	Pictured Cliffs

The Gallup will be plugged and the well recompleted to the Pictured Cliffs formation.

All working interest owners have been contacted regarding this Drilling Program. Merdiain Oil Inc. and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Kent Beers
Attorney-in-Fact

KOB/VLG/pr
vlgoct.3
Enclosures
Canyon Largo Unit, 3.0

APPROVED:_____ DATE:_____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED:_____ DATE:_____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

APPROVED:_____ DATE: 10-12-93

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the Second Amendment to the 1993 Plan of Development for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico

CANYON LARGO UNIT WORKING INTEREST OWNERS

Ameritrust Texas National Association
as Trustee under a Trust Created for the
benefit of Mary Frances Turner, Jr.

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of: Robert
Beamon Trustee/Robert Beamon/Pattie Ann
Beamon Lundell/Tom L. Hail/Cathryn Beamon/
Claudia M. Lundell Gilmer/Robert Walter Lundell/
Linda J. Lundell Lindsey/Carolyn Beamon Tilley
James R. Beamon Trust/James Robert Beamon

Bolack Minerals Company

Elizabeth J. Turner Calloway

Cinco General Partnership

Conoco, Inc.

Fred E. Luhm

Dugan Production Company

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna A. Harvey

Burton & Hawks Oil Company

Mr. A. G. Hill

Kimbell Oil Company

Syliva F. Little Trust

Hugh McMillan Trust

Marcia Pauline McAnally

Meridian Oil Production Inc.

D. J. Merrion Trust

Merrion Foundation

Merrion Investment Company

Merrion Oil & Gas Corp.

William W. Merrion

Minel, Inc.

PC, Ltd.

Frank A. Schultz, Trustee

Speerex Limited Partnership

Texaco Exploration & Production Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

William G. Webb

Wiser Oil Company

J. Gregory Merrion

Judy St. John Taylor

OIL CONSERVATION DIVISION
RECEIVED

MERIDIAN OIL

May 24, 1993 '93 JUN 1 AM 9 47

Bureau of Land Management (2)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (1)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (1)
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501-2088

RE: CANYON LARGO UNIT, 14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
NOTICE OF NON-COMMERCIAL WELL
FRUITLAND FORMATION

Gentlemen:

In accordance with Section 11a of the Canyon Largo Unit Agreement, approved September 18, 1953, Meridian Oil Inc., as Unit Operator, has determined that the following wells are not capable of producing unitized substances in paying quantities from the Fruitland formation to be admitted to the Participating Area:

Canyon Largo Unit #64

Description	Tract No./Acres Lease No.	Tract Description	Comp. Date
E/2 4-24N-6W (339.45 ac.)	16/320.00 SF-078874	Lots 7-10, SE/4	11/29/89
	32/19.45 SF-078957	Lots 1 & 2	

Canyon Largo Unit #76

E/2 17-24N-6W	28/320.00 SF-078886	E/2	12/7/89

Canyon Largo Unit #172

W/2 27-25N-7W	20/320.00 SF-078878	W/2	11/21/89

Canyon Largo Unit #263

S/2 35-24N-6W	47/341.86 SF-081325	Lots 6-13	10/6/89

Production reports are attached for your reference.

Meridian Oil Inc., 3535 East 30th St. P.O. Box 4289 Farmington, New Mexico 87499-4289 Telephone 505-326-9700

We would appreciate consideration of these non-commercial determinations as soon as possible. Please contact Van Goebel at 327-9759 if there are any questions regarding this matter.

Copies of this letter are being sent to the working interest owners on the attached list.

Very truly yours,

Kent Beers
Regional Land Manger VLG

KB/VLG/pr
vlgmay.18
Canyon Largo Unit, 4.5

MERIDIAN OIL

May 24, 1993

Bureau of Land Management (2)
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (1)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501-1148

Oil Conservation Division (1)
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501-2088

RE: CANYON LARGO UNIT, 14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
NOTICE OF NON-COMMERCIAL WELL
FRUITLAND FORMATION

Gentlemen:

In accordance with Section 11a of the Canyon Largo Unit Agreement, approved September 18, 1953, Meridian Oil Inc., as Unit Operator, has determined that the following wells are not capable of producing unitized substances in paying quantities from the Fruitland formation to be admitted to the Participating Area:

Description	Tract No./Acres Lease No.	Tract Description	Comp. Date
Canyon Largo Unit #64			
E/2 4-24N-6W (339.45 ac.)	16/320.00 SF-078874	Lots 7-10, SE/4	11/29/89
	32/19.45 SF-078957	Lots 1 & 2	
Canyon Largo Unit #76			
E/2 17-24N-6W	28/320.00 SF-078886	E/2	12/7/89
Canyon Largo Unit #172			
W/2 27-25N-7W	20/320.00 SF-078878	W/2	11/21/89
Canyon Largo Unit #263			
S/2 35-24N-6W	47/341.86 SF-081325	Lots 6-13	10/6/89

Production reports are attached for your reference.

We would appreciate consideration of these non-commercial determinations as soon as possible. Please contact Van Goebel at 327-9759 if there are any questions regarding this matter.

Copies of this letter are being sent to the working interest owners on the attached list.

Very truly yours,

Kent Beers
Regional Land Manger VLG

KB/VLG/pr
vlgmay.18
Canyon Largo Unit, 4.5

CANYON LARGO UNIT WORKING INTEREST OWNERS

Ameritrust Texas National Association
as Trustee under a Trust Created for the
benefit of Mary Frances Turner, Jr.

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of:
Robert Beamon Trustee / Robert Beamon
Pattie Ann Beamon Lundell / Tom L. Hail
Cathryn Beamon / Claudia M. Lundell Gilmer
Robert Walter Lundell / Linda J. Lundell Lindsey
Carolyn Beamon Tilley / James R. Beamon Trust

Bolack Minerals Company

Elizabeth J. Turner Calloway

Conoco, Inc.

Marguerite Smith Davis Estate

Dugan Production Company

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frank D. Gorham Jr.
DBA Cuesta Production Co.

Lorna A. Harvey

Hawks Industries, Inc.

Mr. A. G. Hill

Kimbell Oil Company

Syliva F. Little Trust

Estate of Hugh McMillan

Marcia Pauline McAnally

Meridian Oil Production Inc.

D. J. Merrion Trust

Merrion Foundation

Merrion Investment Company

Merrion Oil & Gas Corp.

William W. Merrion

Minel, Inc.

PC, Ltd.

Frank A. Schultz, Trustee

Speerex Limited Partnership

Texaco Exploration & Production Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

William G. Webb

Wiser Oil Company

FARMINGTON 1990 MONTHLY PRODUCTION FOR 44277B PHS030M1
CANYON LARGO UNIT NP 172 MERIDIAN OIL INC FOR EL PASO
BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

	DAYS	OIL				GAS					
MO	T S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD	C
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	2					01	45	16	1079	15.025		0
11	2					01		30	1000	15.025		0
12	2					01		31	1000	15.025		0

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 P12 07/03/92

B MY JOB NUM LU #46

FARMINGTON 1991 MONTHLY PRODUCTION FOR 44277B PHS030M1
CANYON LARGO UNIT NP 172 MERIDIAN OIL INC FOR EL PASO
BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

	DAYS	OIL				GAS					
MO	T S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD	C
1	2					01	1584	31	1079	15.025		0
2	2					01	1836	28	1079	15.025		0
3	2					01	1368	31	1079	15.025		0
4	2					01	1190	30	1079	15.025		0
5	2					01	1268	31	1079	15.025		0
6	2					01	441	30	1079	15.025		0
7	2					01	408	31	1192	15.025		0
8	2					01	218	31	1228	15.025		0
9	2					01	113	30	1179	15.025		0
10	2					01	236	31	1193	15.025		0
11	2					01	134	30	1228	15.025		0
12	2					01	241	31	1228	15.025		0

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 P12 07/03/92

B MY JOB NUM LU #46

FARMINGTON 1992 MONTHLY PRODUCTION FOR 44277B PHS030M1
CANYON LARGO UNIT NP 172 MERIDIAN OIL INC FOR EL PASO
BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

	DAYS	OIL				GAS					
MO	T S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD	C
1	2					01	36	31	1202	15.025		0
2	2					01	19	29	1202	15.025		0
3	2					01	25	31	1166	15.025		0
4	2					01	25	30	1166	15.025		0
5	2	F				01	34	31	1166	15.025		0
6	2	F				01	5	30	1166	15.025		0
7	2	F				01		31	1000	15.025		0
8	2	F				01		31	1000	15.025		0
9	2	F				01	2	13	1166	15.025		0
10	2	F				01	20	24	1166	15.025		0
11	2	F				01	5	25	1166	15.025		0
12	2	F				01		31	1000	15.025		0

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 P12 02/02/93

B MY JOB NUM LU #46

FARMINGTON 1993 MONTHLY PRODUCTION FOR 44277B PHS030M1
CANYON LARGO UNIT NP 172 MERIDIAN OIL INC FOR EL PASO
BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

	DAYS	OIL				GAS					
MO	T S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD	C
1	2	F				01		5	1000	15.025		0
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION

B MY JOB NUM LU #46

FARMINGTON 1991 MONTHLY PRODUCTION FOR 43979B PHS030M1
CANYON LARGO UNIT NP 263 MERIDIAN OIL INC FOR EL PASO
BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

	DAYS		OIL				GAS					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD	C
1	2	S	31				01			1042	15.025	1950	0
2	2	S	28				01			1042	15.025	1950	0
3	2	S	31				01			1042	15.025	1950	0
4	2	S	30				01	600	30	983	15.025	1950	0
5	2	S	31				01	600	31	983	15.025	1950	0
6	2	S	30				01	600	30	983	15.025	1950	0
7	2	S	31				01	600	31	983	15.025	1950	0
8	2	S	31				01	600	31	1042	15.025	1950	0
9	2	S	30				01	600	30	1042	15.025	1950	0
10	2	S	31				01			1042	15.025	1950	0
11	2	S	30				01			1042	15.025	1950	0
12	2	S	31				01			1042	15.025	1950	0

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 P12 07/03/92

B MY JOB NUM LU #46

FARMINGTON 1992 MONTHLY PRODUCTION FOR 43979B PHS030M1
CANYON LARGO UNIT NP 263 MERIDIAN OIL INC FOR EL PASO
BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

	DAYS		OIL				GAS					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD	C
1	2	S	31				01			1042	15.025	1950	0
2	2	S	29				01			1042	15.025	1950	0
3	2	S	31				01			1042	15.025	1950	0
4	2	S	30				01	600	30	1198	15.025	1950	0
5	2	S					01	600	31	1198	15.025		0
6	2	S					01	600	30	1198	15.025		0
7	2	S					01	600	31	1198	15.025		0
8	2	S					01	600	31	1198	15.025		0
9	2	S					01	600	30	1198	15.025		0
10	2	S					01			1042	15.025		0
11	2	S					01			1042	15.025		0
12	2	S					01			1042	15.025		0

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 P12 02/02/93

B MY JOB NUM LU #46

FARMINGTON 1993 MONTHLY PRODUCTION FOR 43979B PHS030M1
CANYON LARGO UNIT NP 263 MERIDIAN OIL INC FOR EL PASO
BASIN (FRUITLAND COAL) FIELD FRUITLAND COAL ZONE

	DAYS		OIL				GAS					
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER PROD	C
1	2	S					01			1042	15.025		0
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE
PF10 - HELP INFORMATION PF9 - DISPLAY MONTHLY INJECTION
00/00/00 00:00:00:0 P12 03/02/93

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1294

April 22, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: 1993 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

MERIDIAN OIL

April 5, 1993

Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401

New Mexico Commissioner of Public Lands
P.O. Box 1148
310 Old Santa Fe Trail
Santa Fe, NM 87501

NM Oil Conservation Division
c/o Energy & Minerals Department
P.O. Box 2088
310 Old Santa Fe Trail
Santa Fe, NM 87504-2088

RE: CANYON LARGO UNIT, #14-08-001-1059
RIO ARRIBA COUNTY, NEW MEXICO
FIRST AMENDMENT-
1993 DRILLING PROGRAM

Gentlemen:

The 1993 Drilling Program for the Canyon Largo Unit, was submitted to you by our letter of January 19, 1993.

Subsequent to the submittal of said letter of January 19, 1993, one (1) additional well has been proposed.

Well No.	Drilling Block	Formation
#388*	W/2, E/2 Section 3, T25N, R6W	Mesaverde

*This well is proposed to be drilled as a High Angle Mesaverde well which will cross two (2) drill blocks.

All working interest owners have been contacted regarding this Drilling Program. Merdiain Oil Inc. and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Kent Beers
Attorney-in-Fact

KOB/VLG/pr
vlgapr.1
Enclosures
Canyon Largo Unit, 3.0

APPROVED:_____ DATE:_____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED:_____ DATE:_____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

APPROVED:_____ DATE: 4-19-93

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1993 Plan of Development for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico .

CANYON LARGO UNIT WORKING INTEREST OWNERS

Ameritrust Texas National Association
as Trustee under a Trust Created for the
benefit of Mary Frances Turner, Jr.

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of:
Robert Beamon Trustee / Robert Beamon
Pattie Ann Beamon Lundell / Tom L. Hail
Cathryn Beamon / Claudia M. Lundell Gilmer
Robert Walter Lundell / Linda J. Lundell Lindsey
Carolyn Beamon Tilley / James R. Beamon Trust

Bolack Minerals Company

Elizabeth J. Turner Calloway

Conoco, Inc.

Marguerite Smith Davis Estate

Dugan Production Company

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frank D. Gorham Jr.
DBA Cuesta Production Co.

Lorna A. Harvey

Hawks Industries, Inc.

Mr. A. G. Hill

Kimbell Oil Company

Syliva F. Little Trust

Estate of Hugh McMillan

Marcia Pauline McAnally

Meridian Oil Production Inc.

D. J. Merrion Trust

Merrion Foundation

Merrion Investment Company

Merrion Oil & Gas Corp.

William W. Merrion

Minel, Inc.

PC, Ltd.

Frank A. Schultz, Trustee

Speerex Limited Partnership

Texaco Exploration & Production Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

William G. Webb

Wiser Oil Company

JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1244

February 17, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Van L. Goebel

Re: 1993 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Dear Mr. Goebel:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1234

February 5, 1993

Meridian Oil Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: 1993 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

MERIDIAN OIL

January 19, 1993

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

N.M. Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87501

N.M. Oil Conservation Division
Energy & Minerals Department
P.O. Box 2088
Santa Fe, NM 87504

RE: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1993 DRILLING PROGRAM

Gentlemen:

By letter dated February 28, 1992, Meridian Oil Inc., as Unit Operator, for the Canyon Largo Unit, filed a Drilling Program concerning the captioned unit for the calendar year 1992 providing for the drilling of four (4) Mesaverde wells. As of this date, the total number of completions within the Canyon Largo Unit is as follows:

Fruitland Coal, Being Evaluated	4
Pictured Cliffs, Commercial	159
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	18
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra Dual, Commercial	5
Pictured Cliffs/Chacra Dual, Chacra Non-Commercial	1
Pictured Cliffs/Chacra Dual, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde Dual, Mesaverde Non-Commercial	1
Mesaverde, Plugged Back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Dual Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota Non-Commercial	1
Gallup/Dakota Dual, Gallup Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non-Commercial	4
TOTAL	330

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following wells in 1993:

WELL NAME	DRILLING BLOCK	FORMATION
Canyon Largo Unit #367	W/2 Sec. 17, 25N-6W	Pictured Cliffs
Canyon Largo Unit #369	W/2 Sec. 29, 25N-7W	Pictured Cliffs
Canyon Largo Unit #370	W/2 Sec. 4, 24N-7W	Pictured Cliffs

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil Inc. and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Kent Beers
Attorney-in-Fact

VLG:ll
ID:vlgjan/18
Enclosures
Canyon Largo Unit, 3.0

APPROVED: _____ DATE: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

APPROVED: _____ DATE: 1-26-93

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1993 Plan of Development for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Ameritrust Texas National Association as Trustee under a Trust Created for the benefit of Mary Frances Truner, Jr.

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of:
Robert Beamon Trustee
Robert Beamon
Pattie Ann Beamon Lundell
Tom L. Hail
Cathryn Beamon
Claudia Marcia Lundell Gilmer
Robert Walter Lundell
Linda Jeanne Lundell Lindsey
Carolyn Beamon Tilley
James Robert Beamon Trustee

Bolack Minerals Company

Elizabeth J. Turner Calloway

Conoco, Inc.

Marguerite Smith Davis Estate

Dugan Production Corporation

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Walter Famariss, Jr. & Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

Hawks Industries, Inc.

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company

Syliva F. Little Trust

Estate of Hugh McMillan

Marcia Pauline McAnally

Meridian Oil Production Inc.

Merrion Oil & Gas Company

Minel, Inc.

PC, Ltd.

PWG Partnership

Frank A. Schultz, Trustee

Speerex

Judy St John Taylor

Texaco Exploration & Production Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

Wiser Oil Company

CANYON LARGO UNIT WORKING INTEREST OWNERS

Ameritrust Texas National Association as Trustee under a Trust Created for the benefit of Mary Frances Truner, Jr.

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of:
Robert Beamon Trustee
Robert Beamon
Pattie Ann Beamon Lundell
Tom L. Hail
Cathryn Beamon
Claudia Marcia Lundell Gilmer
Robert Walter Lundell
Linda Jeanne Lundell Lindsey
Carolyn Beamon Tilley
James Robert Beamon Trustee

Bolack Minerals Company

Elizabeth J. Turner Calloway

Conoco, Inc.

Marguerite Smith Davis Estate

Dugan Production Corporation

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

Hawks Industries, Inc.

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company

Syliva F. Little Trust

Estate of Hugh McMillan

Marcia Pauline McAnally

Meridian Oil Production Inc.

Merrion Oil & Gas Company

Minel, Inc.

PC, Ltd.

PWG Partnership

Frank A. Schultz, Trustee

Speerex

Judy St John Taylor

Texaco Exploration & Production Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

Wiser Oil Company

Canyon Largo Unit
Chacra Participating Area (PA)
3183.5 (019)

JAN. 05 1993

Mr. Alan Alexander
Meridian Oil Incorporated
P.O. Box 4289
Farmington, NM 87499-4289

Dear Mr. Alexander:

We have reviewed your application for the following expansions to the Chacra Participating Area of the Canyon Largo Unit.

TWELFTH EXPANSION-EFFECTIVE FEBRUARY 1, 1985

Supported by Salazar No. 9 located in the NE¼ of Sec. 22, T. 25 N., R. 6 W., Rio Arriba County, New Mexico. This well is located in a 160-acre spacing unit comprised of 80 acres within the Unit boundary and 80 acres of non-committed acreage. (See Exhibit B of the original application).

THIRTEENTH EXPANSION- EFFECTIVE OCTOBER 1, 1985

Supported by Salazar No. 10 located in the SW¼ of Sec. 22, T. 25 N., R. 6 W., Rio Arriba County New Mexico. This well is located in a 160-acre spacing unit comprised of 40 acres within the Unit boundary and 120 acres of non-committed acreage. (See Exhibit B of the original application).

Communitized Agreements (CA) will be required for both expansions since non-unit acreage is to be included. Please submit the appropriate CA to this office within 30 days of receipt of this correspondence.

We have determined that both wells are capable of producing unitized substances in paying quantities and are producing from a reservoir common to the existing Chacra Participating Area.

It was noted that the proposed expansions are not contiguous to the existing PA as requested in the correspondence dated July 6, 1992 from Duane Spencer of this office. You are, however, allowed to submit non-contiguous expansions since such expansions have been approved for the Chacra PA of this Unit in the past.

Your application for the twelfth and thirteenth expansion to the Chacra Participating Area of Canyon Largo Unit is hereby approved as submitted with effective dates as listed. Please submit the appropriate CA within the allocated time frame.

Please continue to report production from the supporting wells under the lease numbers until you obtain the appropriate CA numbers.

If you have any questions, please contact Ray Hager at (505) 599-8959.

Respectfully,

/s/ Duane Spencer

Duane Spencer
Chief, Reservoir Management Section

Enclosures (2)
1. Original Application
2. Engineering/Geological Report

cc:
New Mexico Oil Conservation Division, Santa Fe, NM (W/encl 1)

#541

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1171

September 24, 1992

Meridian Oil Inc.
P.O. Box 4289
Farmington, N.M. 87499-4289

Attn: Kent Beers

Re: 1992 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

July 29, 1992

Meridian Incorporated
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Kent Beers

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
Chacra Participating Area
12th and 13th Expansion

Dear Mr. Beers:

This office is in receipt of your application of May 15, 1992 requesting our approval of the twelfth and thirteenth expansion of the Chacra Participating Area for the Canyon Largo Unit, Rio Arriba County, New Mexico. Your application is based upon the information obtained from the completion of the Salazar Well Nos. 9 and 10 located in Sec. 22-25N-6W which is not committed to the unit.

The Bureau of Land Management has advised this office by their letter of July 14, 1992 that this application has been denied and that production should be reported on a lease basis.

Please be advised that the Commissioner of Public lands concurs with the Bureau of Land Management's decision that the above mentioned wells are non-commercial and should be produced on a lease basis.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.
cc: Reader File
BLM-Farmington
OCD-Santa Fe
TRD-Santa Fe

Canyon Largo Unit (PA)
3186.1 (019)

JUL 14 1992

Meridian Oil Incorporated
3535 E 30th St.
P.O. Box 4289
Farmington, NM 87449-4289

Gentlemen:

We have reviewed your application for Expansions 12 and 13 of the Chacra Participating Area of the Canyon Largo Unit.

The No. 9 Salazar NE¼ Sec. 22, T. 25 N., R. 6 W. is the supporting well for expansion 12. The No. 10 Salazar SW¼ Sec. 22, T, 25 N., R. 6 W. is the supporting well for expansion 13. These wells were analyzed to determine if they were capable of producing unitized substances in paying quantities as outlined in the unit agreement. The guidelines state that paying wells must be capable of producing sufficient quantities of unitized substances to pay the cost of drilling, completing, and equipping the supporting wells for each formation. It is obvious that completion costs only were used in the economic analysis submitted with your application. An economic analysis was generated utilizing completed well costs of $69.10/ft. and other cost factors in effect in 1985. The economic analysis concluded that the wells would not pay out.

Your application for expansions 12 and 13 of the Chacra Participating Area for the Canyon Largo unit is hereby denied. Please continue to report production under the current lease number. We are returning your application.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-7115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 ***et seq.***

If you have any questions, please contact Ray Hager at (505) 599-8959 or (505) 327-5344.

Sincerely,

/s/ Duane Spencer

for Mike Pool
Area Manager

1 Enclosure
1 - Returned PA application

cc:
MMS, RMP, MS-3240, Denver, CO w/o enclosure
NMOCD, Santa Fe, NM w/o enclosure
Comm. Pub. Lands, Santa Fe, NM w/o enclosure

5-21-92
D-Unit letter

MERIDIAN OIL

May 15, 1992

Bureau of Land Management (3)
Attn: Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands (2)
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148

State of New Mexico (2)
Oil Conservation Division
Energy & Minerals Department
P.O. Box 2088
Santa Fe, NM 87504

RE: **CANYON LARGO UNIT 14-08-001-1059**
Rio Arriba County, New Mexico
CHACRA PARTICIPATING AREA
12th Expansion - Effective 2-1-85
13th Expansion - Effective 10-1-85

Gentlemen:

Pursuant to Section 11 (a) of the Unit Agreement for the referenced Unit, approved September 18, 1953, Meridian Oil Inc., as Unit Operator, has determined on the dates indicated below that the following wells are capable of producing unitized substances in paying quantities from the Chacra formation and thereby should be admitted to the Chacra Participating Area:

TWELFTH EXPANSION - EFFECTIVE FEBRUARY 1, 1985

WELL NO./DESCRIPTION	TRACT/ACRES	TR. DESCRIPTION	COMP. DATE
Salazar #9-NE/4 22-25N-6W	Tr. 26/80.00	N/2 NE/4	1-23-85
	Tr. 44/80.00 (Eliminated from the Unit)	S/2 NE/4	

THIRTEENTH EXPANSION - EFFECTIVE OCTOBER 1, 1985

WELL NO./DESCRIPTION	TRACT/ACRES	TR. DESCRIPTION	COMP. DATE
Salazar #10-SW/4 22-25N-6W	Tr. 37/40.00	SW/4 SW/4	9-16-85
	Tr. 44/120.00 (Eliminated from the Unit)	E/2 SW/4, NW/4 SW/4	

An Economic Summary Sheet is attached for your information for each well's Commerciality. The Expansion Schedules for the 12th and 13th Participating Areas are also enclosed. The schedules describe the Participating Areas and show the percentage of unitized substances allocated to the Tracts according to the ownership within the Tracts.

We would appreciate consideration of these Expansions as soon as possible. Please contact Van Goebel at (505) 326-9759 if there are any questions regarding this matter.

Copies of this letter are being furnished to the Working Interest Owners on the attached list.

Very truly yours,

Kent Beers
Regional Land Manager

KOB:VLG:ll
ID:EXPAN/1
Canyon Largo Unit, 4.5

CANYON LARGO UNIT WORKING INTEREST OWNERS
CHACRA PARTICIPATING AREA

Mr. Robert L. Bayless

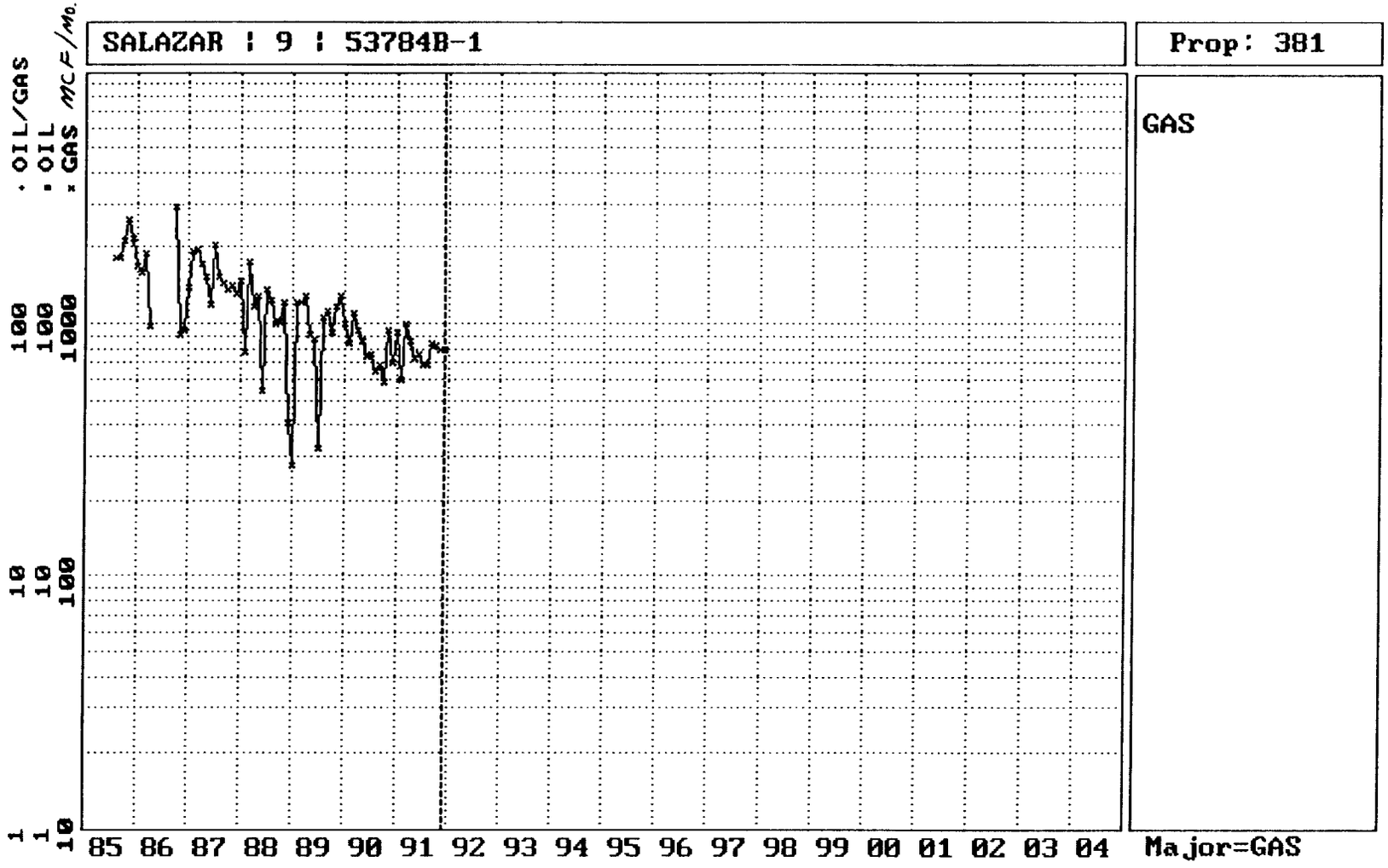
Beamon/Lundell Group on behalf of:
Robert Beamon Trustee
Robert Beamon
Pattie Ann Beamon Lundell
Tom L. Hail
Cathryn Beamon
Claudia Marcia Lundell Gilmer
Linda Jeanne Lundell Lindsey
Carolyn Beamon Tilley

El Paso Production Company

Merrion Oil & Gas Corp.

Union Oil Company of California

The Wiser Oil Company


SALAZAR ! 9 ! 53784B-1
Prop: 381
GAS
. OIL/GAS
. OIL
. GAS
MCF/Mo.
100
100
1000
10
10
100
1
1
10
85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04
Major=GAS

SALAZAR, 9
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-53784B

DATE : 04/07/92
TIME : 07:49:08
DBS FILE : COMX
SETUP FILE : SALAZAR9
SEQ NUMBER : 381

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	08/85											
406 GAS	08/85 5*2126 12*920 12*1588 12*1113 48*850 #							94.882	12/92			
411 "	800.00	300.00	M/M	X	YRS	EXP	6.00	192.085	11/08	6.00	800.	299.
416 NET/WI	100.00	D	%	TO	LIFE	FLAT	.00		11/08		1.000	1.000
426 NET/NIC	87.50	D	%	TO	LIFE	FLAT	.00		11/08		.875	.875
436 NET/NIG	87.50	D	%	TO	LIFE	FLAT	.00		11/08		.875	.875
501 OPC/T	200.00	X	$/M	TO	LIFE	FLAT	.00		11/08		200.000	200.000
502 STX/GAS	9.40	9.40	%	TO	LIFE	PC	.00		7/85		.094	.094
503 PRI/GAS	2.30	2.30	$/M	TO	LIFE	FLAT	.00		11/08		2.300	2.300

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 CAPITAL	30.00	50.00	M$G	02/85	AD		80.000	2/85	.	80.0	80.0

RESERVE PARAMETERS		ITEM		ITEM			
201 BTU	1.10						
202 LOSS	NO						
203 WELLS	.00		1.00				

PROJECT ASSUMPTIONS

BASE DATE : 1/85 P.W. DATE : 1/85 REPORT DATE : 1/85
QUALIFIERS - PROD : COMM OWNER : OTHER :

SALAZAR, 9
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-53784B

DATE : 04/07/92
TIME : 07:49:08
DBS FILE : COMX
SETUP FILE : SALAZAR9
SEQ NUMBER : 381

MERIDIAN OIL INC. - ECONOMIC ANALYSIS

AS OF DATE: 1/85

PERIOD ENDING	12/85	12/86	12/87	12/88	12/89	12/90	12/91	12/92	12/93	12/94	S TOT	AFTER	23.9 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4) EQUITY INVESTMENTS	80.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80.0	.0	80.0
5) RISK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) TOTAL	80.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80.0	.0	80.0
GAS PHASE													
12) GROSS GAS, MMF	10.6	11.0	19.1	13.4	10.2	10.2	10.2	10.2	9.3	8.8	112.9	79.2	192.1
13) NET GAS, MMF	9.3	9.7	16.7	11.7	8.9	8.9	8.9	8.9	8.1	7.7	98.8	69.3	168.1
14) GAS REVENUE, M$	23.5	24.4	42.2	29.6	22.6	22.6	22.6	22.6	20.6	19.4	250.0	175.2	425.3
15) GAS PRICE, $/MCF	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530
ECONOMICS, M$													
20) GROSS REV. TO INTR.	23.5	24.4	42.2	29.6	22.6	22.6	22.6	22.6	20.6	19.4	250.0	175.2	425.3
21) - SEV. TAX	2.2	2.3	4.0	2.8	2.1	2.1	2.1	2.1	1.9	1.8	23.5	16.5	40.0
22) - WPT TAX PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24) - AD VALOREM TAX	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25) - OPERATING COSTS	1.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	22.6	33.4	56.0
26) - CAPITAL REPAYMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27) - INTEREST PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29) = NET INCOME	20.3	19.7	35.8	24.4	18.1	18.1	18.1	18.1	16.3	15.2	203.9	125.4	329.3
30) - INVESTMENTS & RSK	80.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80.0	.0	80.0
31) = BFIT NET	-59.7	19.7	35.8	24.4	18.1	18.1	18.1	18.1	16.3	15.2	123.9	125.4	249.3
PRESENT WORTH @ 12.13 %													
32) NET INCOME	18.5	16.5	26.5	16.0	10.5	9.3	8.2	7.3	5.8	4.8	123.2	20.6	143.9
33) INVESTMENTS & RISK	79.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	79.2	.0	79.2
34) BFIT NET	-60.7	16.5	26.5	16.0	10.5	9.3	8.2	7.3	5.8	4.8	44.0	20.6	64.7
35) CUM BFIT NET	-60.7	-44.3	-17.8	-1.8	8.6	17.9	26.1	33.4	39.2	44.0	44.0	64.7	64.7

SALAZAR, 9
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-537848

DATE : 04/07/92
TIME : 07:49:08
DBS FILE : COMX
SETUP FILE : SALAZAR9
SEQ NUMBER : 381

A F T E R T A X E C O N O M I C S

AS OF DATE: 1/85

PERIOD ENDING	12/85	12/86	12/87	12/88	12/89	12/90	12/91	12/92	12/93	12/94	S TOT	AFTER	23.9 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	50.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50.0	.0	50.0
2) DEPLETABLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3) DEPRECIABLE	30.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.0	.0	30.0
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	23.5	24.4	42.2	29.6	22.6	22.6	22.6	22.6	20.6	19.4	250.0	175.2	425.3
5) - SEVERANCE TAX	2.2	2.3	4.0	2.8	2.1	2.1	2.1	2.1	1.9	1.8	23.5	16.5	40.0
6) - WPT TAX NET	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) - OPR. COSTS & ATX	1.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	22.6	33.4	56.0
8) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9) - OVERHEAD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10) - EXPENSED INV.	50.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50.0	.0	50.0
11) - DEPRECIATION	4.3	7.3	5.2	3.7	2.7	2.7	2.7	1.3	.0	.0	30.0	.0	30.0
12) = NET	-34.0	12.4	30.6	20.6	15.4	15.4	15.4	16.7	16.3	15.2	123.9	125.4	249.3
13) - DEPLETION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14) - INTEREST PD & CAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15) = TAXABLE	-34.0	12.4	30.6	20.6	15.4	15.4	15.4	16.7	16.3	15.2	123.9	125.4	249.3
16) * TAX RATE, %	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
17) - TAX CREDIT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18) - WPT REFUND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19) = F.I.T.	-13.2	4.8	11.9	8.0	6.0	6.0	6.0	6.5	6.3	5.9	48.3	48.9	97.2
20) REVENUE-SEV-WPT	21.3	22.1	38.2	26.8	20.5	20.5	20.5	20.5	18.7	17.6	226.5	158.8	385.3
21) - OPR. COSTS & ATX	1.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	22.6	33.4	56.0
22) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23) - F.I.T.	-13.2	4.8	11.9	8.0	6.0	6.0	6.0	6.5	6.3	5.9	48.3	48.9	97.2
24) = A.F.I.T.	33.6	14.9	23.9	16.3	12.1	12.1	12.1	11.5	9.9	9.2	155.6	76.5	232.1
25) - LOAN REPAYMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26) - INTEREST PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27) = NET INCOME	33.6	14.9	23.9	16.3	12.1	12.1	12.1	11.5	9.9	9.2	155.6	76.5	232.1
28) - INVESTMENTS & RSK	80.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80.0	.0	80.0
29) = A.F.I.T. NET	-46.4	14.9	23.9	16.3	12.1	12.1	12.1	11.5	9.9	9.2	75.6	76.5	152.1
PRESENT WORTH @ 12.13 %													
30) NET INCOME	30.5	12.4	17.7	10.7	7.0	6.2	5.5	4.7	3.5	2.9	101.1	12.6	113.7
31) INVESTMENTS & RISK	79.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	79.2	.0	79.2
32) A.F.I.T. NET	-48.7	12.4	17.7	10.7	7.0	6.2	5.5	4.7	3.5	2.9	21.9	12.6	34.5
33) CUM. A.F.I.T. NET	-48.7	-36.3	-18.6	-7.9	-.9	5.3	10.8	15.4	19.0	21.9	21.9	34.5	34.5

SALAZAR, 9
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-53784B

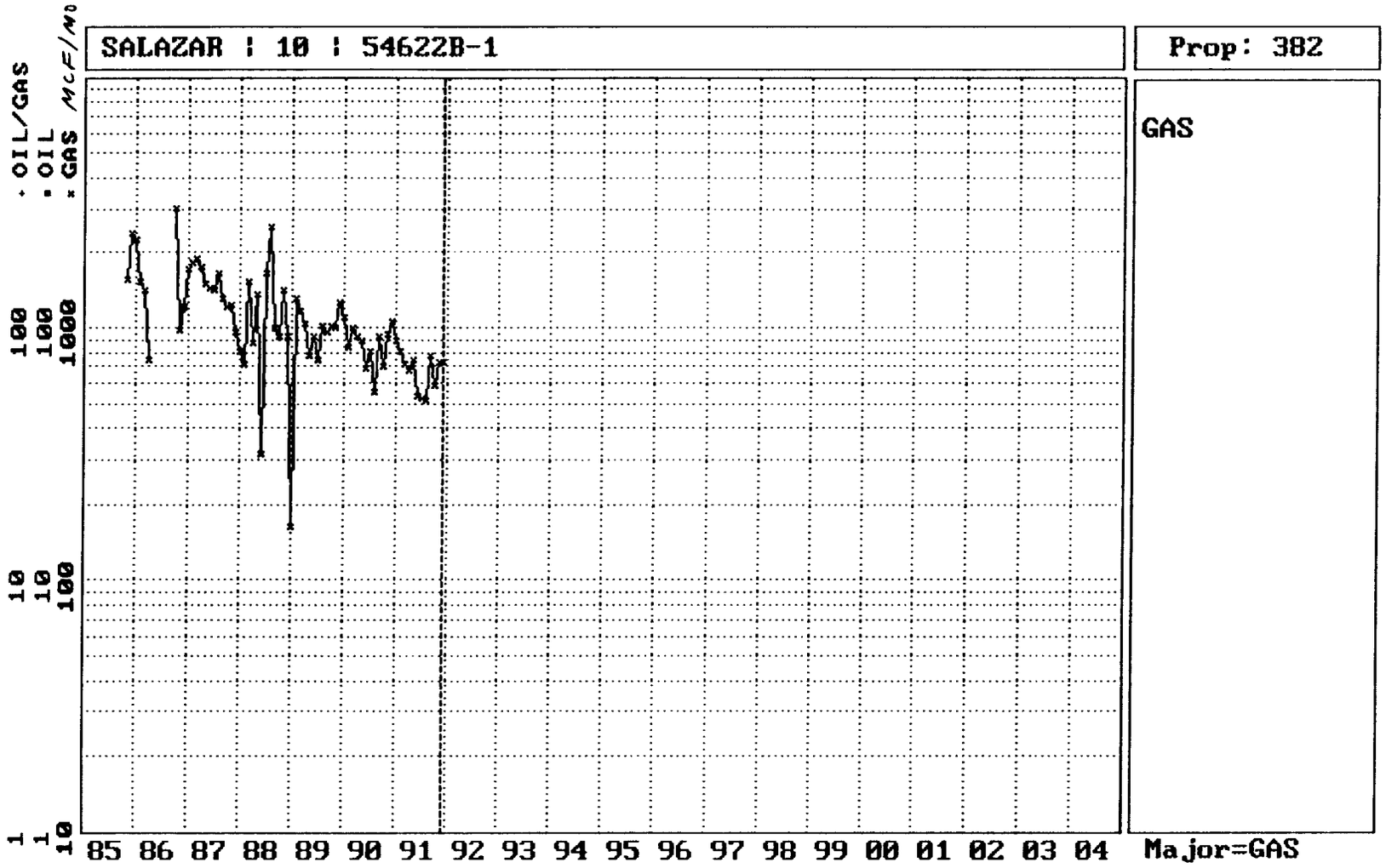
DATE : 04/07/92
TIME : 07:49:08
DBS FILE : COMX
SETUP FILE : SALAZAR9
SEQ NUMBER : 381

E C O N O M I C I N D I C A T O R S

AS OF DATE: 1/85

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
PRESENT WORTH PROFILE AND RATE-OF-RETURN VS. BONUS TABLE			
00.	249.291	152.067	249.291
5.	142.092	84.389	113.573
8.	102.425	58.992	74.543
10.	82.205	45.919	56.288
12.	64.853	34.605	41.365
15.	45.755	22.020	25.625
20.	21.849	5.993	6.752
25.	5.179	-5.444	-6.001
35.	-16.306	-20.676	-22.180
45.	-29.404	-30.388	-32.068
55.	-38.109	-37.126	-38.753
65.	-44.222	-42.061	-43.565
75.	-48.675	-45.809	-47.172
85.	-51.998	-48.727	-49.953
100.	-55.551	-52.015	-53.057
RATE OF RETURN, PCT.	27.4	22.6	
UNDISCOUNTED PAYOUT, YRS.	3.17	3.47	
DISCOUNTED PAYOUT, YRS.	4.17	5.15	
UNDISCOUNTED NET/INVEST.	4.12	2.90	
DISCOUNTED NET/INVEST.	1.82	1.44	

NOTES


SALAZAR | 10 | 54622B-1
Prop: 382
GAS
· OIL/GAS
▪ OIL
× GAS
MCF/MO
100
100
1000
10
10
100
1
1
10
85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04
Major=GAS

SALAZAR, 10
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-54622B

DATE : 04/07/92
TIME : 10:55:03
DBS FILE : COMX
SETUP FILE : SALAZR10
SEQ NUMBER : 382

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	12/85											
406 GAS	12/85 1*1992 12*934 12*1510 12*1184 48*813 #							84.552	12/92			
411 "	750.00	300.00	M/M	X	YRS	EXP	6.00	171.913	10/07	6.00	750.	300.
416 NET/WI	100.00	D	%	TO	LIFE	FLAT	.00		10/07		1.000	1.000
426 NET/NIC	87.50	D	%	TO	LIFE	FLAT	.00		10/07		.875	.875
436 NET/NIG	87.50	D	%	TO	LIFE	FLAT	.00		10/07		.875	.875
501 OPC/T	208.00	X	$/M	TO	LIFE	FLAT	.00		10/07		208.000	208.000
502 STX/GAS	9.40	9.40	%	TO	LIFE	PC	.00		11/85		.094	.094
503 PRI/GAS	2.30	2.30	$/M	TO	LIFE	FLAT	.00		10/07		2.300	2.300

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 CAPITAL	30.00	40.00	M$G	10/85	AD		70.000	10/85	.	70.0	70.0

RESERVE PARAMETERS		ITEM	ITEM
201 BTU	1.10		
202 LOSS	NO		
203 WELLS	.00	1.00	

PROJECT ASSUMPTIONS

BASE DATE : 1/85 P.W. DATE : 1/85 REPORT DATE : 1/85
QUALIFIERS - PROD : COMM OWNER : OTHER :

SALAZAR, 10
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-54622B

DATE : 04/07/92
TIME : 10:55:03
DBS FILE : COMX
SETUP FILE : SALAZR10
SEQ NUMBER : 382

MERIDIAN OIL INC. - ECONOMIC ANALYSIS

AS OF DATE: 1/85

PERIOD ENDING	12/85	12/86	12/87	12/88	12/89	12/90	12/91	12/92	12/93	12/94	S TOT	AFTER	22.8 YR TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500
INVESTMENTS, M$													
3) BORROWED CAPITAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4) EQUITY INVESTMENTS	70.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.0	.0	70.0
5) RISK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) TOTAL	70.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.0	.0	70.0
GAS PHASE													
12) GROSS GAS, MMF	2.0	11.2	18.1	14.2	9.8	9.8	9.8	9.8	8.7	8.2	101.5	70.4	171.9
13) NET GAS, MMF	1.7	9.8	15.9	12.4	8.5	8.5	8.5	8.5	7.6	7.2	88.8	61.6	150.4
14) GAS REVENUE, M$	4.4	24.8	40.1	31.5	21.6	21.6	21.6	21.6	19.3	18.2	224.7	155.9	380.6
15) GAS PRICE, $/MCF	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530	2.530
ECONOMICS, M$													
20) GROSS REV. TO INTR.	4.4	24.8	40.1	31.5	21.6	21.6	21.6	21.6	19.3	18.2	224.7	155.9	380.6
21) - SEV. TAX	.4	2.3	3.8	3.0	2.0	2.0	2.0	2.0	1.8	1.7	21.1	14.7	35.8
22) - WPT TAX PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24) - AD VALOREM TAX	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25) - OPERATING COSTS	.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	22.7	32.0	54.7
26) - CAPITAL REPAYMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27) - INTEREST PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29) = NET INCOME	3.8	20.0	33.8	26.0	17.1	17.1	17.1	17.1	15.0	14.0	180.9	109.2	290.1
30) - INVESTMENTS & RSK	70.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.0	.0	70.0
31) = BFIT NET	-66.2	20.0	33.8	26.0	17.1	17.1	17.1	17.1	15.0	14.0	110.9	109.2	220.1
PRESENT WORTH @ 10.37 %													
32) NET INCOME	3.4	17.1	26.1	18.1	10.7	9.7	8.7	7.8	6.2	5.2	113.1	23.8	136.9
33) INVESTMENTS & RISK	64.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	64.8	.0	64.8
34) BFIT NET	-61.3	17.1	26.1	18.1	10.7	9.7	8.7	7.8	6.2	5.2	48.3	23.8	72.1
35) CUM BFIT NET	-61.3	-44.2	-18.1	.0	10.7	20.4	29.1	36.9	43.1	48.3	48.3	72.1	72.1

SALAZAR, 10
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-54622B

DATE : 04/07/92
TIME : 10:55:03
DBS FILE : COMX
SETUP FILE : SALAZR10
SEQ NUMBER : 382

A F T E R T A X E C O N O M I C S

AS OF DATE: 1/85

PERIOD ENDING	12/85	12/86	12/87	12/88	12/89	12/90	12/91	12/92	12/93	12/94	S TOT	AFTER	22.8 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M$													
1) EXP, RISK & CAP INT	40.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40.0	.0	40.0
2) DEPLETABLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3) DEPRECIABLE	30.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.0	.0	30.0
TAX CALCULATIONS, M$													
4) GROSS REV. TO INTR.	4.4	24.8	40.1	31.5	21.6	21.6	21.6	21.6	19.3	18.2	224.7	155.9	380.6
5) - SEVERANCE TAX	.4	2.3	3.8	3.0	2.0	2.0	2.0	2.0	1.8	1.7	21.1	14.7	35.8
6) - WPT TAX NET	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7) - OPR. COSTS & ATX	.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	22.7	32.0	54.7
8) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9) - OVERHEAD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10) - EXPENSED INV.	40.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40.0	.0	40.0
11) - DEPRECIATION	4.3	7.3	5.2	3.7	2.7	2.7	2.7	1.3	.0	.0	30.0	.0	30.0
12) = NET	-40.5	12.6	28.6	22.3	14.4	14.4	14.4	15.7	15.0	14.0	110.9	109.2	220.1
13) - DEPLETION	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14) - INTEREST PD & CAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15) = TAXABLE	-40.5	12.6	28.6	22.3	14.4	14.4	14.4	15.7	15.0	14.0	110.9	109.2	220.1
16) * TAX RATE, %	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
17) - TAX CREDIT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18) - WPT REFUND	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19) = F.I.T.	-15.8	4.9	11.2	8.7	5.6	5.6	5.6	6.1	5.9	5.4	43.2	42.6	85.8
20) REVENUE-SEV-WPT	4.0	22.5	36.3	28.5	19.6	19.6	19.6	19.6	17.5	16.5	203.5	141.3	344.8
21) - OPR. COSTS & ATX	.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	22.7	32.0	54.7
22) + NPI OWNED - PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23) - F.I.T.	-15.8	4.9	11.2	8.7	5.6	5.6	5.6	6.1	5.9	5.4	43.2	42.6	85.8
24) = A.F.I.T.	19.6	15.1	22.7	17.3	11.5	11.5	11.5	10.9	9.2	8.5	137.6	66.6	204.3
25) - LOAN REPAYMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26) - INTEREST PAID	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27) = NET INCOME	19.6	15.1	22.7	17.3	11.5	11.5	11.5	10.9	9.2	8.5	137.6	66.6	204.3
28) - INVESTMENTS & RSK	70.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.0	.0	70.0
29) = A.F.I.T. NET	-50.4	15.1	22.7	17.3	11.5	11.5	11.5	10.9	9.2	8.5	67.6	66.6	134.3
PRESENT WORTH @ 10.37 %													
30) NET INCOME	17.7	12.9	17.5	12.1	7.2	6.5	5.8	5.0	3.8	3.2	91.7	14.5	106.2
31) INVESTMENTS & RISK	64.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	64.8	.0	64.8
32) A.F.I.T. NET	-47.0	12.9	17.5	12.1	7.2	6.5	5.8	5.0	3.8	3.2	26.9	14.5	41.4
33) CUM. A.F.I.T. NET	-47.0	-34.1	-16.6	-4.6	2.6	9.1	14.9	20.0	23.8	26.9	26.9	41.4	41.4

SALAZAR, 10
OTERO CHACRA (GAS)
CHACRA
RIO ARRIBA, NM
200-039-54622B

DATE : 04/07/92
TIME : 10:55:03
DBS FILE : COMX
SETUP FILE : SALAZR10
SEQ NUMBER : 382

E C O N O M I C I N D I C A T O R S

AS OF DATE: 1/85

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

	B.F.I.T. WORTH M$------	A.F.I.T. WORTH M$------	A.F.I.T. BONUS M$------
00.	220.098	134.260	220.098
5.	127.126	76.148	102.343
8.	92.574	54.389	68.534
10.	71.903	41.304	50.170
12.	60.648	34.153	40.684
15.	43.635	23.299	26.963
20.	23.564	10.408	11.647
25.	10.075	1.680	1.839
35.	-6.087	-8.850	-9.414
45.	-14.657	-14.450	-15.116
55.	-19.351	-17.490	-18.099
65.	-21.852	-19.062	-19.577
75.	-23.028	-19.739	-20.162
85.	-23.372	-19.847	-20.190
100.	-22.948	-19.364	-19.612

RATE OF RETURN, PCT.	31.2	26.6
UNDISCOUNTED PAYOUT, YRS.	3.48	3.73
DISCOUNTED PAYOUT, YRS.	4.00	4.64
UNDISCOUNTED NET/INVEST.	4.14	2.92
DISCOUNTED NET/INVEST.	2.11	1.64

NOTES

MERIDIAN OIL INC
SCHEDULE XIII
THE 012 EXPANDED PARTICIPATING AREA FOR CHACRA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078883	25N 6W	40.72	TRACT: 025			0.564940
	SEC. 4 LOT 1		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078884	25N 6W	2,320.00	TRACT: 026			32.187174
	SEC. 12 ALL		ORRI:	8.750000	8.750000	
	SEC. 13 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 14 ALL		WORKING INTEREST:			
	SEC. 15 E/2		EL PASO PRODUCTION CO	78.750000	78.750000	
	SEC. 22 N/2 NE/4					
			TOTAL	100.000000	100.000000	
SF-078885	25N 6W	2,403.32	TRACT: 027			33.343137
	SEC. 1 LOTS 1 - 4, S/2 N/2, S/2 (ALL)		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1 - 4, S/2 N/2, S/2 (ALL)		WORKING INTEREST:			
			EL PASO PRODUCTION CO	78.750000	78.750000	
	SEC. 10 S/2, NW/4					
	SEC. 11 ALL					
			TOTAL	100.000000	100.000000	
SF-078885-A	25N 6W	160.00	TRACT: 027A			2.219805
	SEC. 10 NE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-079177	25N 6W	520.69	TRACT: 041			7.223940
	SEC. 4 LOT 2		ORRI:	15.000000	15.000000	
	SEC. 23 N/2 NE/4, S/2 SE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			ROBERT L BAYLESS	36.250000	36.250000	
	SEC. 24 E/2		MERRION OIL AND GAS CORP	36.250000	36.250000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-019400	25N 6W	160.62	TRACT: 041A			2.228407
	SEC. 4 LOT 4, SW/NW, W/2 SW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL AND GAS CORP	37.500000	37.500000	
			ROBERT L BAYLESS	37.500000	37.500000	
			TOTAL	100.000000	100.000000	
SF-079177	25N 6W	480.00	TRACT: 041B			6.659415
	SEC. 9 E/2 NE,W/2 SE, SE/SE, SW/NE		ORRI:	15.000000	15.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 24 E/2 W/2, NW/NW, SW/SW		ROBERT L BAYLESS	36.250000	36.250000	
			MERRION OIL AND GAS CORP	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
E-291-37	25N 6W	240.51	TRACT: 055			3.336783
	SEC. 2 LOT 4, SW/4, SW/4 NW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			THE WISER OIL COMPANY	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056			2.219805
	SEC. 2 SE/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL AND GAS CORP	37.500000	37.500000	
			ROBERT L BAYLESS	37.500000	37.500000	
			TOTAL	100.000000	100.000000	
E-291-36	25N 6W	80.00	TRACT: 057			0.000000
	SEC. 23 SW/4 NE/4, NW/4 SE/4		ORRI:	10.000000	10.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	77.500000	77.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
THIS TRACT IS NOT-COMMITTED TO THE UNIT.

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-35	25N 6W	160.85	TRACT: 058			2.231598
	SEC. 2 LOTS 1 & 2, S/2 NE/4		ORRI:	18.200000	18.200000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			UNION OIL COMPANY OF	68.750000	68.750000	
			EL PASO PRODUCTION CO	0.550000	0.550000	
			TOTAL	100.000000	100.000000	

REMARKS:
13.2% NPI ADDED TO THE ORRI FOR GLA-77.

E-291-35	25N 6W	80.48	TRACT: 059			1.116562
	SEC. 2 LOT 3,SE/NW		ORRI:	14.000000	14.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	0.583334	0.583334	
			UNION OIL COMPANY OF	72.916666	72.916666	
			TOTAL	100.000000	100.000000	

REMARKS:
14% NPI ADDED TO THE ORRI FOR GLA-77.

ROBERT TRUBY	25N 6W	320.65	TRACT: 069			4.448628
	SEC. 4 LOT 3, SE/NW, S/2NE, E/2SE,SW/SE		ORRI:	15.000000	15.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 9 NW/4 NE/4		ROBERT L BAYLESS	36.250000	36.250000	
			MERRION OIL AND GAS CORP	36.250000	36.250000	
			TOTAL	100.000000	100.000000	

FEE	25N 6W	120.00	TRACT: 070			0.000000
	SEC. 4 NW/SE, E/2 SW		ORRI:			
			ROYALTY:	25.000000	25.000000	
			WORKING INTEREST:			
			ROBERT L BAYLESS	37.500000	37.500000	
			MERRION OIL AND GAS CORP	37.500000	37.500000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: THIS TRACT IS NOT-COMMITTED TO THE UNIT.					
MERRION & BAYL	25N 6W	160.00	TRACT: 074			2.219806
	SEC. 23 SE/4 NE/4, NE/4 SE/4		ORRI:			
			ROYALTY:	24.125000	24.125000	
			WORKING INTEREST:			
	SEC. 24 SW/4 NW/4, NW/4 SW/4		MERRION OIL AND GAS CORP	37.937500	37.937500	
			ROBERT L BAYLESS	37.937500	37.937500	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

MERIDIAN OIL INC
SCHEDULE XIII
R E C A P I T U L A T I O N

RUN DATE 05/05/92
RUN TIME 09:52:25

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 25N , RANGE 6W

SECTION 1	: LOTS 1 - 4,	S/2 N/2, S/2 (ALL)
SECTION 10	: S/2, NW/4	
SECTION 10	: NE/4	
SECTION 11	: ALL	
SECTION 12	: ALL	
SECTION 13	: ALL	
SECTION 14	: ALL	
SECTION 15	: E/2	
SECTION 2	: LOT 4, SW/4,	SW/4 NW/4
SECTION 2	: SE/4	
SECTION 2	: LOTS 1 & 2,	S/2 NE/4
SECTION 2	: LOT 3,SE/NW	
SECTION 22	: N/2 NE/4	
SECTION 23	: SE/4 NE/4,	NE/4 SE/4
SECTION 23	: N/2 NE/4,	S/2 SE/4
SECTION 24	: E/2	
SECTION 24	: E/2 W/2,	NW/NW, SW/SW
SECTION 24	: SW/4 NW/4,	NW/4 SW/4
SECTION 3	: LOTS 1 - 4,	S/2 N/2, S/2 (ALL)
SECTION 4	: LOT 1	
SECTION 4	: LOT 3, SE/NW,	S/2NE, E/2SE,SW/SE
SECTION 4	: LOT 4, SW/NW,	W/2 SW/4
SECTION 4	: LOT 2	
SECTION 9	: E/2 NE,W/2 SE,	SE/SE, SW/NE
SECTION 9	: NW/4 NE/4	

TOTAL COMMITTED: 7,207.84

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 25N , RANGE 6W

SECTION 23	: SW/4 NE/4,	NW/4 SE/4
SECTION 4	: NW/SE, E/2 SW	

TOTAL ACRES NON-COMMITTED: 200.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 7,407.84

MERIDIAN OIL INC
SCHEDULE XIV
THE 013 EXPANDED PARTICIPATING AREA FOR CHACRA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078883	25N 6W	40.72	TRACT: 025			0.561822
	SEC. 4 LOT 1		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078884	25N 6W	2,320.00	TRACT: 026			32.009537
	SEC. 12 ALL		ORRI:	8.750000	8.750000	
	SEC. 13 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 14 ALL		WORKING INTEREST:			
	SEC. 15 E/2		EL PASO PRODUCTION CO	78.750000	78.750000	
	SEC. 22 N/2 NE/4					
			TOTAL	100.000000	100.000000	
SF-078885	25N 6W	2,403.32	TRACT: 027			33.159120
	SEC. 1 LOTS 1 - 4, S/2 N/2, S/2 (ALL)		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1 - 4, S/2 N/2, S/2 (ALL)		WORKING INTEREST:			
			EL PASO PRODUCTION CO	78.750000	78.750000	
	SEC. 10 S/2, NW/4					
	SEC. 11 ALL					
			TOTAL	100.000000	100.000000	
SF-078885-A	25N 6W	160.00	TRACT: 027A			2.207554
	SEC. 10 NE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-079071-A	25N 6W	40.00	TRACT: 037			0.551889
	SEC. 22 SW/4 SW/4		ORRI:	18.500000	18.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL AND GAS CORP	34.500000	34.500000	
			ROBERT L BAYLESS	34.500000	34.500000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079177	25N 6W	520.69		TRACT: 041			7.184071
	SEC. 4 LOT 2		ORRI:		15.000000	15.000000	
	SEC. 23 N/2 NE/4, S/2 SE/4		ROYALTY:		12.500000	12.500000	
	SEC. 24 E/2		WORKING INTEREST:				
			ROBERT L BAYLESS		36.250000	36.250000	
			MERRION OIL AND GAS CORP		36.250000	36.250000	
			TOTAL		100.000000	100.000000	
SF-019400	25N 6W	160.62		TRACT: 041A			2.216109
	SEC. 4 SW/4 NW/4, W/2 SW/4, LOT 4		ORRI:		12.500000	12.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			MERRION OIL AND GAS CORP		37.500000	37.500000	
			ROBERT L BAYLESS		37.500000	37.500000	
			TOTAL		100.000000	100.000000	
SF-079177	25N 6W	480.00		TRACT: 041B			6.622663
	SEC. 9 E/2 NE,W/2 SE, SE/SE, SW/NE		ORRI:		15.000000	15.000000	
	SEC. 24 E/2 W/2, NW/NW, SW/SW		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			ROBERT L BAYLESS		36.250000	36.250000	
			MERRION OIL AND GAS CORP		36.250000	36.250000	
			TOTAL		100.000000	100.000000	
E-291-37	25N 6W	240.51		TRACT: 055			3.318368
	SEC. 2 LOT 4, SW/4, SW/4 NW/4		ORRI:				
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			THE WISER OIL COMPANY		87.500000	87.500000	
			TOTAL		100.000000	100.000000	
E-291-5	25N 6W	160.00		TRACT: 056			2.207554
	SEC. 2 SE/4		ORRI:		12.500000	12.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			ROBERT L BAYLESS		37.500000	37.500000	
			MERRION OIL AND GAS CORP		37.500000	37.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-36	25N 6W	80.00	TRACT: 057			0.000000
	SEC. 23 SW/4 NE/4, NW/4 SE/4		ORRI:	10.000000	10.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	77.500000	77.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
THIS TRACT IS NOT-COMMITTED TO THE UNIT.

E-291-35	25N 6W	160.85	TRACT: 058			2.219282
	SEC. 2 LOTS 1 & 2, S/2 NE/4		ORRI:	18.200000	18.200000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	0.550000	0.550000	
			UNION OIL COMPANY OF	68.750000	68.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
13.2% NPI INCLUDED W/ORRI FOR GLA-77.

E-291-35	25N 6W	80.48	TRACT: 059			1.110400
	SEC. 2 LOT 3, SE/NW		ORRI:	14.000000	14.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO	0.583334	0.583334	
			UNION OIL COMPANY OF	72.916666	72.916666	
			TOTAL	100.000000	100.000000	

REMARKS:
14.0% NPI INCLUDED W/ORRI FOR GLA-77.

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
ROBERT TRUBY	25N 6W	320.65	TRACT: 069			4.424076
	SEC. 4 LOT 3, SE/NW		ORRI:	15.000000	15.000000	
	S/2NE, E/2SE, SW/SE		ROYALTY:	12.500000	12.500000	
	SEC. 9 NW/4 NE/4		WORKING INTEREST:			
			ROBERT L BAYLESS	36.250000	36.250000	
			MERRION OIL AND GAS CORP	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
FEE	25N 6W	120.00	TRACT: 070			0.000000
	SEC. 4 NW/4 SE/4,		ORRI:			
	E/2 SW/4		ROYALTY:	25.000000	25.000000	
			WORKING INTEREST:			
			ROBERT L BAYLESS	37.500000	37.500000	
			MERRION OIL AND GAS CORP	37.500000	37.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
THIS TRACT IS NOT-COMMITTED TO THE UNIT.

MERRION & BAYL	25N 6W	160.00	TRACT: 074			2.207555
	SEC. 23 SE/4 NE/4,		ORRI:			
	NE/4 SE/4		ROYALTY:	24.125000	24.125000	
	SEC. 24 SW/4 NW/4,		WORKING INTEREST:			
	NW/4 SW/4		ROBERT L BAYLESS	37.937500	37.937500	
			MERRION OIL AND GAS CORP	37.937500	37.937500	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

MERIDIAN OIL INC
SCHEDULE XIV
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 25N , RANGE 6W

SECTION 1	: LOTS 1 - 4,	S/2 N/2, S/2 (ALL)
SECTION 10	: S/2, NW/4	
SECTION 10	: NE/4	
SECTION 11	: ALL	
SECTION 12	: ALL	
SECTION 13	: ALL	
SECTION 14	: ALL	
SECTION 15	: E/2	
SECTION 2	: LOT 4, SW/4,	SW/4 NW/4
SECTION 2	: SE/4	
SECTION 2	: LOTS 1 & 2,	S/2 NE/4
SECTION 2	: LOT 3, SE/NW	
SECTION 22	: SW/4 SW/4	
SECTION 22	: N/2 NE/4	
SECTION 23	: SE/4 NE/4,	NE/4 SE/4
SECTION 23	: N/2 NE/4,	S/2 SE/4
SECTION 24	: E/2 W/2,	NW/NW, SW/SW
SECTION 24	: E/2	
SECTION 24	: SW/4 NW/4,	NW/4 SW/4
SECTION 3	: LOTS 1 - 4,	S/2 N/2, S/2 (ALL)
SECTION 4	: LOT 1	
SECTION 4	: SW/4 NW/4,	W/2 SW/4, LOT 4
SECTION 4	: LOT 2	
SECTION 4	: LOT 3, SE/NW	S/2NE, E/2SE, SW/SE
SECTION 9	: E/2 NE,W/2 SE,	SE/SE, SW/NE
SECTION 9	: NW/4 NE/4	

TOTAL COMMITTED: 7,247.84

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 25N , RANGE 6W

SECTION 23	: SW/4 NE/4,	NW/4 SE/4
SECTION 4	: NW/4 SE/4,	E/2 SW/4

TOTAL ACRES NON-COMMITTED: 200.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 7,447.84

CANYON LARGO UNIT

- CURRENT CHACRA PARTICIPATING AREA 11th Expansion Effective 6/1/70
- Proposed 12th Expansion Effective 2/1/85
- Proposed 13th Expansion Effective 10/1/85
- OIL & GAS OWNED BY STATE OF NEW MEXICO

- Fruitland
- Pictured Cliffs
- Chacra
- Mesaverde
- Gallup
- Dakota

MERIDIAN OIL
LAND DEPARTMENT
APRIL 1, 1992

MERIDIAN OIL

February 28, 1992

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

N.M. Commissioner of Public Lands
P.O. Box 1148
Santa Fe, NM 87501

N.M. Oil Conservation Division
Energy & Minerals Department
P.O. Box 2088
Santa Fe, NM 87504

RE: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1992 DRILLING PROGRAM

Gentlemen:

By letter dated February 28, 1991, Meridian Oil Inc., as Unit Operator, for the Canyon Largo Unit, filed a Drilling Program concerning the captioned unit for the calendar year 1991 providing for the drilling of four (4) Mesaverde wells; however, these wells were later dropped from the Drilling Program. The four (4) Mesaverde wells proposed under the 1991 Drilling Program have been carried over to the 1992 Drilling Program.

As of this date, the total number of completions within the Canyon Largo Unit is as follows:

Fruitland Coal, Being Evaluated	4
Pictured Cliffs, Commercial	159
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	18
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra Dual, Commercial	5
Pictured Cliffs/Chacra Dual, Chacra Non-Commercial	1
Pictured Cliffs/Chacra Dual, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde Dual, Mesaverde Non-Commercial	1
Mesaverde, Plugged Back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Dual Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota Non-Commercial	1
Gallup/Dakota Dual, Gallup Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non-Commercial	4
	330

Meridian Oil Inc. 3535 East 30th St P.O. Box 4289, Farmington, New Mexico 87499-4289 Telephone 505-326-9700

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Meridian Oil Inc., as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following wells in 1992:

WELL NAME	DRILLING BLOCK	FORMATION
Canyon Largo Unit #127 *	W/2 8-24N-6W	Plug Gallup/Recomplete Mesaverde
Canyon Largo Unit #338 *	E/2 6-24N-6W	Plug Gallup/Recomplete Mesaverde
Canyon Largo Unit #364 *	E/2 8-24N-6W (NW/4 SE/4)	Mesaverde
Canyon Largo Unit #365 *	E/2 8-24N-6W (SE/4 SE/4)	Mesaverde

* Wells carried over from 1991 Drilling Program.

NOTE: The Canyon Largo Unit Agreement required 320 acre drill blocks; however, the above proposed Mesaverde wells will be within the Devils Fork Mesaverde Oil Pool which under State of New Mexico pool rules calls for 40 acre spacing. The Canyon Largo Unit #364 and #365 will be drilled on a E/2 dedication in compliance with the Canyon Largo Unit Agreement, but will be on a 40 acre spacing (State spacing) within the E/2.

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil Inc. and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil Inc., as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Plan of Development is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Kent Beers
Attorney-in-Fact

VLG:11
ID#313+13
Enclosures
Canyon Largo Unit, 3.0

APPROVED:_____ DATE:_____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED:_____ DATE:_____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

APPROVED:_____ DATE: 3-5-92

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1992 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Beamon/Lundell Group on behalf of:
Robert Beamon Trustee
Robert Beamon
Pattie Ann Beamon Lundell
Tom L. Hail
Cathryn Beamon
Claudia Marcia Lundell Gilmer
Linda Jeanne Lundell Lindsey
Carolyn Beamon Tilley

Bolack Minerals Company

Elizabeth J. Turner Calloway

Conoco, Inc.

Dugan Production Corporation

Mr. Steven S. Dunn

El Paso Production Company

Joe F. Elledge

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna A. Harvey

Hawks Industries, Inc.

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company

Syliva F. Little Trust

Estate of Hugh McMillan

Marcia Pauline McAnnally

Mrs. Merle McMillan

Meridian Oil Production Inc.

Merrion Oil & Gas Corporation

Minel, Inc.

PC, Ltd.

PWG Partnership

Frank A. Schultz, Trustee

Speerex

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Ameritrust Texas National Association as Trustees under a Trust created for the benefit of Mary Frances Turner, Jr. (6743)

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

February 6, 1992

El Paso Natural Gas Co.
P. O. Box 4289
Farmington, New Mexico 87499

Attn: Mr. Kent Beers

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
Initial Participating Area
Mesaverde Formation
Effective April 18, 1985
Notice of Non-Commercial wells

This office is in receipt of your letter of February 27, 1990 requesting the approval of the Initial Participating Area, Mesaverde Formation, Canyon Largo Unit, Rio Arriba County, New Mexico, and notice of completion of two non-commercial wells in the Mesaverde Formation. Our records reveal the Bureau of Land Management by their letter of April 3, 1990, approved your application.

The Commissioner of Public Lands concurs with the Bureau of Land Management and has this date also approved your application. The Initial Participating area is described as the W/2 of Section 8, Township 24 North, Range 6 West, containing 320.00 acres and is based upon the completion of the Canyon Largo Unit Well No. 349.

In addition, we also concur that the Canyon Largo Unit Well Nos. 348 and 363 are non-commercial and therefore will not be brought into the Mesaverde Participating Area.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.
cc: Reader File
OCD
BLM

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

February 6, 1992

El Paso Exploration Co.
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attn: Mr. Van L. Goebel

Re: Canyon Largo Unit
Forty-Second Thru Forty-Sixth Expanded Participating Areas
Pictured Cliffs Formation
Rio Arriba County, New Mexico

Dear Mr. Goebel:

This office is in receipt of your letters of June 27, 1985 and February 27, 1990 requesting approval to the Forty-Second and Forty-Third thru Forty-Sixth Expanded Participating Area, Pictured Cliffs Formation, Canyon Largo Unit, Rio Arriba County, New Mexico. A review of our records reveals that the Bureau of Land Management has approved these expansions.

The Commissioner of Public Lands concurs with the Bureau of Land Management and has this date also approved the above captioned participating areas.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.
cc: Reader File
BLM
OCD
TRD

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

February 5, 1992

Meridian Oil
3535 East 30th St.
P. O. Box 4289
Farmington, New Mexico 87499

Attn: Mr. Van L. Goebel

Re: Canyon Largo Unit
Non-Commercial Determination of Canyon Largo Unit Well No. 347
Withdrawl of Initial Mesaverde Participating Area
E/2 Sec. 1-24N-7W
Rio Arriba County, New Mexico

Dear Mr. Goebel:

A review of our records reveals that as of this date we had not yet concurred with the BLM's determination that the Unit Well No. 347 is non-commercial.

Please be advised that the Commissioner of Public lands concurs with the Bureau of Land Management that the above captioned well is non-commercial and should be produced on a lease basis.

In addition, please also be advised that as per your request,of December 9, 1985, your Initial Participating Area application for the E/2 of Section 1, Township 24 North, Range 7 West has been withdrawn.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS
BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.
cc: Reader File
BLM
OCD
TRD

#541

RESIGNATION OF UNIT OPERATOR AND
DESIGNATION OF SUCCESSOR UNIT OPERATOR

Canyon Largo Unit Area
County of Rio Arriba, State of New Mexico
No. 14-08-001-1059

THIS INDENTURE, dated as of the 29th day of April, 1991, by and between El Paso Natural Gas Company, operator and owner of unitized working interest, (hereinafter called "EPNG") and Meridian Oil Inc., successor operator and owner of unitized working interest, (hereinafter called "Meridian").

W I T N E S S E T H:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. §§181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 18th day of September, 1953, approved the Unit Agreement for the Development and Operation of the Allison Unit Area, wherein EPNG is designated as Unit Operator; and

WHEREAS, under the provisions of an Act of Legislature (§1, Chap. 162, Laws of 1951, and §§ 1 and 2, Chap. 176, Laws of 1961, Sec. Chap.7, Article 11, §§39, 40 and 41, New Mexico Statutes 1953 Annotated) (Now being Chap. 29, Article 10, §§ 45, 46 and 47 New Mexico Statutes Annotated 1978 Com.) the Commissioner of Public Lands on the 3rd day of June, 1953, approved a Unit Agreement for the Development and Operation of the Canyon Largo Unit Area, wherein EPNG is designated as Unit Operator; and

WHEREAS, EPNG has resigned as Unit Operator, and the designation of a successor Unit Operator is now required pursuant to the terms thereof; and

WHEREAS, in accordance with the terms and provisions of the Unit Agreement for the Development and Operation of the Canyon Largo Unit Area, EPNG has procured the necessary consent from working interest owners and regulatory agencies, and Meridian has procured the necessary consent from said owners to replace EPNG as Operator of the Canyon Largo Unit.

NOW, THEREFORE, effective May 1, 1991, EPNG hereby resigns as Unit Operator under the Unit Agreement for the Development and Operation of the Canyon Largo Unit Area and Meridian hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator and pursuant to all the terms of the Unit Agreement for the Development and Operation of the Canyon Largo Unit Area, and EPNG covenants and agrees that, upon approval of this indenture by the Authorized Officer in the proper BLM office and the Commissioner of Public Lands, Meridian shall be granted the exclusive right

and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; and said Unit Agreement being hereby incorporated by references and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Unit Operator and Working Interest Owner
El Paso Natural Gas Company

By: _____
Kent Beers
Attorney-in-fact

Successor Unit Operator and Working
Interest Owner, Meridian Oil Inc.

By: _____
Kent Beers
Attorney-in-Fact

ACKNOWLEDGMENTS

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

The foregoing instrument was acknowledged before me this 29th day of April, 1991, by Kent Beers, as Attorney-in-fact on behalf of El Paso Natural Gas Company.

Kathlene A. Webb
Notary Public

My commission expires:

November 8, 1994

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

The foregoing instrument was acknowledged before me this 29th day of April, 1991, by Kent Beers, as Attorney-in-fact on behalf of Meridian Oil Inc.

Kathlene A. Webb
Notary Public

My commission expires:

November 8, 1994

RESIGNATION OF UNIT OPERATOR AND DESIGNATION OF SUCCESSOR UNIT OPERATOR
CANYON LARGO UNIT AREA.

El Paso
Natural Gas Company

P.O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-326-9700

February 28, 1991

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
P.O.Box 2088
Santa Fe, New Mexico 87501

RE: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1991 Drilling Program

Gentlemen:

By letter dated February 28, 1990, El Paso Natural Gas Company, as Unit Operator, for the Canyon Largo Unit, filed a Drilling Program concerning the captioned unit for the calendar year 1990 providing for the drilling of five (5) Fruitland Coal wells; however, these wells were later dropped from the Drilling Program.

as of this date, the total number of completions within the Canyon Largo Unit is as follows:

Fruitland Coal (being evaluated)	4
Pictured Cliffs, Commercial	161
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	16
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra Dual, Commercial	5
Pictured Cliffs/Chacra Dual, Chacra Non-Commercial	1
Pictured Cliffs/Chacra Dual, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde Dual, Mesaverde Non-commercial	1

Mesaverde, Plugged Back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota Non-Commercial	1
Gallup/Dakota Dual, Gallup Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non-Commercial	4
	330

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following wells in 1991:

WELL NAME	DRILLING BLOCK	FORMATION
Canyon Largo Unit #127	W/2 Section 8, T24N, R6W	Plug Gallup Recomplete Mesaverde
Canyon Largo Unit #338	E/2 Section 6, T24N, R6W	Plug Gallup Recomplete Mesaverde
Canyon Largo Unit #364	E/2 (NW/4SE/4) Sec. 8, T24N, R6W	Mesaverde
Canyon Largo Unit #365	E/2 (SE/4SE/4) Sec. 8, T24N, R6W	Mesaverde

NOTE: The Canyon Largo Unit Agreement requires 320 acre drill blocks; however, the above proposed Mesaverde wells will be within the Devils Fork Mesaverde Oil Pool which under State of New Mexico pool rules calls for 40 acre spacing. The Canyon Largo Unit #364 and #365 will be drilled on a E/2 dedication in compliance with the Canyon Largo Unit Agreement, but will be on a 40 acre spacing (State spacing) within the E/2.

All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owner.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Kent Beers
Attorney-in-Fact

KB:VLG:kaw
Enclosures
Canyon Largo Unit, 3.0

APPROVED:_____ DATE:_____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED:_____ DATE:_____

Commission of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

APPROVED:_____ DATE: 3-7-91

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
the Commissioner of Public Lands)

The foregoing approvals for the 1991 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

R. E. Beamon

Bolack Minerals Company

Hawks Industries, Inc.

Elizabeth J. Turner Calloway

Conoco Inc.

Curtis J. Little

Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

Freeport-McMoRan Oil & Gas Company

Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimball Oil Company

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Merrion Prod. Inc. Foundation

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Ameritrust Texas N.A.
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

State of New Mexico

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 5, 1990

El Paso Natural Gas Company
3535 East 30th Street
P.O. Box 4289
Farmington, NM 87499-4289

Attn: Kent Beers

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
1990 Plan of Development

Dear Mr. Beers:

The Commissioner of Public Lands this date approved the 1990 Plan of Development for the Canyon Largo Unit. Our approval is subject to like approval by all other appropriate agencies. Please forward to this office current copies of both Exhibits A & B.

The possibility of drainage by wells outside of the Unit Area and the need for further development may exist. You will be contacted at a later date regarding these possibilities.

If we may be of further help, please do not hesitate to contact Clyde Langdale at (505) 827-5791.

Sincerely,

W. R. HUMPHRIES

BY: Floyd O. Prando
Floyd O. Prando, Director
Oil, Gas & Minerals Division

cc: OCD
Unit Corresp.
Unit POD

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED
'90 OCT 9 AM 9 09

#541

September 26, 1990

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit
#14-08-001-1059
San Juan County, New Mexico,
Rio Arriba County, New Mexico
1990 DRILLING PROGRAM APPROVAL

Gentlemen:

The 1990 Drilling Program for the Canyon Largo Unit has been approved by the regulatory agencies as follows:

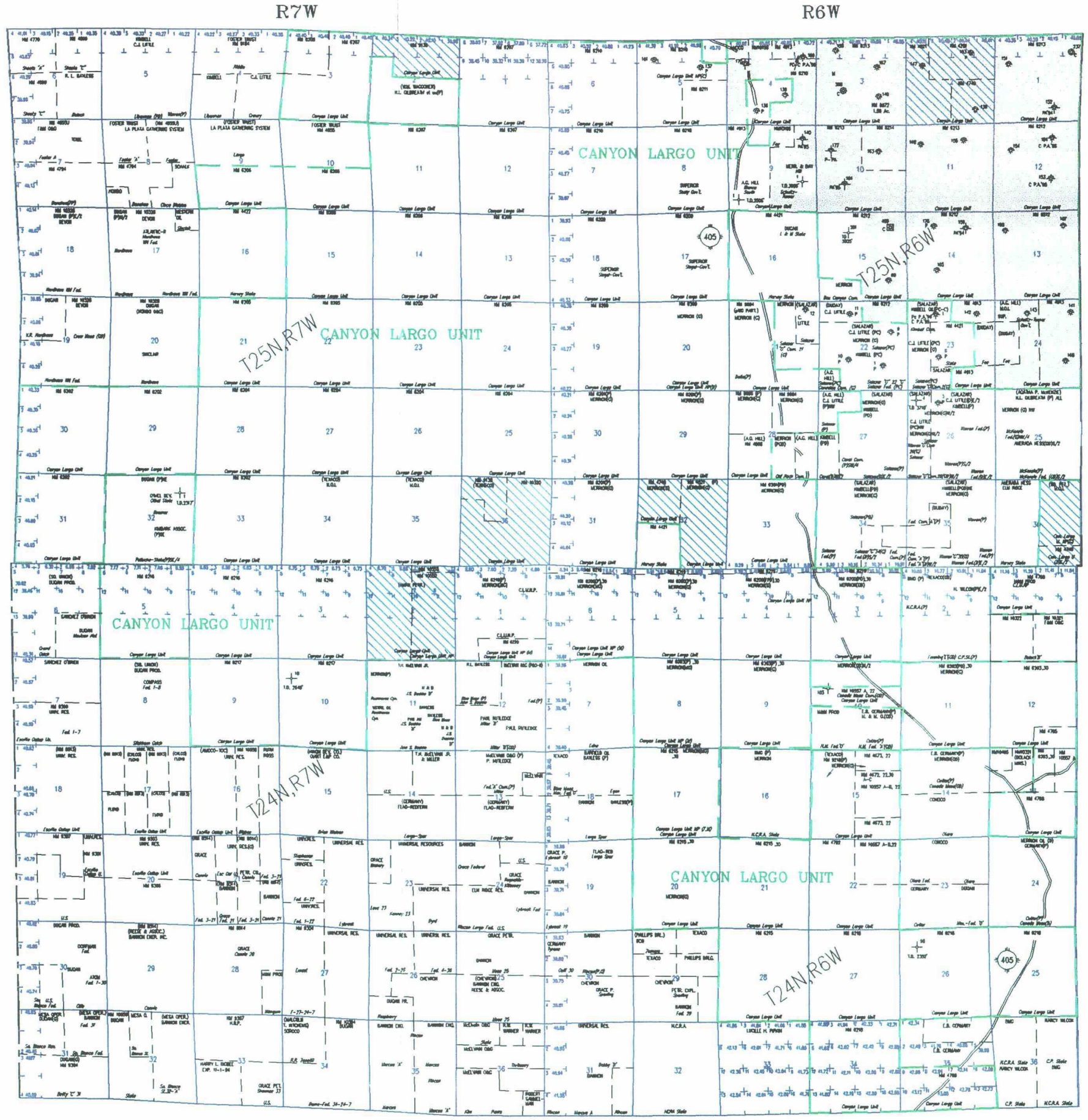
	1990 Program
Bureau of Land Management	3-22-90
Commission of Public Lands	No Response to date
Oil Conservation Commission	3-12-90

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel
Senior Landman

VG:kaw
Attachment
Canyon Largo Unit
1+78


R7W
R6W
T 25 N
T 24 N
CANYON LARGO UNIT
T25N,R7W
T25N,R6W
T24N,R7W
T24N,R6W
FRUITLAND
PICTURED CLIFFS
CHACRA
MESAVERDE
CALLUP
DAKOTA
BURLINGTON RESOURCES
CANYON LARGO UNIT
CHACRA PARTICIPATING AREA
13th Expansion Effective 10/1/85
OIL AND GAS OWNED BY
STATE OF NEW MEXICO
February 11, 2000

'90 MAY 9 AM 8 39

Canyon Largo Unit (PA)
3180 (019)

MAY 07 1990

El Paso Natural Gas Company
P. O. Box 4289
Farmington, NM 87499

Gentlemen:

We have received your letter of February 27, 1990, requesting the approval of the Forty-third through the Forty-sixth Expanded Participating Area, Pictured Cliffs Formation, Canyon Largo Unit, Rio Arriba County, New Mexico.

The application for approval of the Forty-third Expanded Participating Area seeks to add 160.00 acres described as the NE/4 section 22, T. 25 N., R. 6 W. (N/2 NE/4 only acreage committed to unit), to the Pictured Cliffs Participating Area. Contributing to this area is the completion of the No. 9 Salazar. The Forty-third Expanded Participating Area was approved on this date and is effective February 1, 1985.

The application for approval of the Forty-fourth Expanded Participating Area seeks to add 160.00 acres described as the SW/4 section 22, T. 25 N., R. 6 W. (SW/4SW/4 only acreage committed to the unit), to the Pictured Cliffs Participating Area. Contributing to this area is the completion of the No. 10 Salazar. The Forty-fourth Expanded Participating Area was approved on this date and is effective October 1, 1985.

The application for approval of the Forty-fifth Expanded Participating Area seeks to add 321.32 acres described as the W/2 section 7, T. 25 N., R. 6 W., to the Pictured Cliffs Participating Area. Contributing to this area is the completion of the Canyon Largo Unit No. 61. The Forty-fifth Expanded Participating Area was approved on this date and is effective November 1, 1985.

The application for approval of the Forty-sixth Expanded Participating Area seeks to add 160.00 acres described as the NW/4 section 27, T. 25 N., R. 6 W. (N/2 NW/4, SW/4NW/4 only committed to the unit), to the Pictured Cliffs Participating Area. Contributing to this area is the completion of the No. 13 Salazar. The Forty-sixth Expanded Participating Area was approved on this date and is effective December 1, 1985.

If you have any questions, please contact Kenny Howell, Petroleum Engineer, at the above address or telephone (505) 327-5344.

Sincerely,

/s/ John L. Keller

John Keller
Chief, Branch of Minerals

Enclosures

cc: Minerals Management Service, RMP, P. O. Box 25165, Denver, CO 80223
New Mexico Oil Conservation Division, 310 Old Santa Fe Trail, Room 206, Santa Fe, NM 87503
Commissioner of Public Lands, State of New Mexico, P. O. Box 1148, Santa Fe, NM 87504

Canyon Largo Unit (PA)
3180 (019)

APR 03 1990

El Paso Natural Gas Company
Attn: Kent Beers
P. O. Box 4289
Farmington, NM 87499

Gentlemen:

We have received your letter of February 27, 1990 requesting the approval of the Initial Participating Area, Mesaverde Formation, Canyon Largo Unit, Rio Arriba County, New Mexico, and notice of completion of two non-commercial wells in the Mesaverde Formation.

The application for approval of the Initial Participating Area seeks to add 320.00 acres described as the W/2 section 3, T. 24 N., R. 6 W.. Contributing to this area is the completion of the Canyon Largo Unit well No. 349 (NE/4SW/4 section 8, T. 24 N., R. 6 W.). The Initial Participating Area was approved on this date and is effective April 18, 1985.

El Paso, as Unit Operator, has determined that the Canyon Largo Unit well No. 348 (NW/4SW/4 section 6, T. 24 N., R. 6 W.) and the Canyon Largo Unit well No. 363 (SW/4SW/4 section 1, T. 24 N., R. 7 W.) are not capable of producing unitized substances in paying quantities from the Mesaverde Formation. This notice of completion of a non-commercial well is hereby accepted for the record.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 327-5344.

Sincerely,

Ken Townsend

FOR John L. Keller, Chief
Branch of Mineral Resources

Enclosures

cc: Minerals Management Service, Ref. Data BR MS-652, Royalty Management Program, P. O. Box 5760, Denver, CO 80217
New Mexico Oil Conservation Division, 310 Old Santa Fe Trail, Room 206, Santa Fe, NM 87503
Commissioner of Public Lands, State of New Mexico, P. O. Box 1148, Santa Fe, NM 87504

'90 MAR 26 AM 8 53

Canyon Largo Unit (POD)
3180 (019)

MAR 2 5 1990

El Paso Natural Gas Company
Attn: Kent Beers
P. O. Box 4289
Farmington, NM 87499

Gentlemen:

One approved copy of your 1990 Plan of Development for the Canyon Largo Unit area, Rio Arriba County, New Mexico, is enclosed. Such plan, proposing the drilling of 5 Fruitland Coal wells (Canyon Largo Unit No. 500, No. 501, No. 502, No. 503 and No. 504) was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 327-5344.

Sincerely,

John Keller

John Keller
Chief, Branch of Minerals

Enclosure

cc: New Mexico Oil Conservation Division, 310 Old Santa Fe Trail, Room 206, Santa Fe, NM 87503
Commissioner of Public Lands, State of New Mexico, P. O. Box 1148, Santa Fe, NM 87504

El Paso
Natural Gas Company

3535 East 30th Street
P.O. Box 4289
Farmington, N.M. 87499-4289
Phone: 505-326-9700

February 28, 1990

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

Re: **Canyon Largo Unit**, #14-08-001-1059
Rio Arriba County, New Mexico
1990 Drilling Program

Gentlemen:

By letter dated February 28, 1989, El Paso Natural Gas Company, as Unit Operator, for the Canyon Largo Unit, filed a Drilling Program concerning the captioned unit for the calendar year 1989 providing for the drilling of no wells.

As of this date, the total number of completions within the Canyon Largo Unit is as follows:

Pictured Cliffs, Commercial	161
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	16
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra Dual, Commercial	5
Pictured Cliffs/Chacra Dual, Chacra Non-Commercial	1
Pictured Cliffs/Chacra Dual, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde Dual, Mesaverde Non-Commercial	1

Mesaverde, Plugged Back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota Non-Commercial	1
Gallup/Dakota Dual, Gallup Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non-Commercial	4
	326

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of the following wells in 1990:

Well Name	Drill Block	Formation
Canyon Largo Unit #500	E/2 Section 1-24N-6W	Fruitland Coal
Canyon Largo Unit #501	W/2 Section 1-24N-6W	Fruitland Coal
Canyon Largo Unit #502	W/2 Section 13-24N-6W	Fruitland Coal
Canyon Largo Unit #503	E/2 Section 36-25N-7W	Fruitland Coal
Canyon Largo Unit #504	W/2 Section 36-25N-7W	Fruitland Coal

All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours

Kent Beers
Attorney-in-Fact

KB:VLG:jf
Enclosures
45+
Canyon Largo Unit, 3.0

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: _____ DATED: 3-12-90

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1990 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

R. E. Beamon

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

FMP Operating Company

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimball Oil Company

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

MTrust at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

#541

'90 FEB 28 AM 10 02

El Paso
Natural Gas Company

P.O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE 505-325-2841

February 27, 1990

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

RETURN RECEIPT NO. P 950 790 992

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

RETURN RECEIPT NO. P 950 790 993

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

RETURN RECEIPT NO. P 950 790 994

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Initial Participating Area
Mesaverde Formation
Effective date April 18, 1985
Notice of Non-commercial wells

Gentlemen:

In accordance with Section 11 of the Canyon Largo Unit Agreement, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, has determined that the below listed well is capable of producing unitized substances in paying quantities from the Mesaverde Formation and that the Mesaverde area should be initiated as follows:

Initial Participating Area -- Effective April 18, 1985

DRILLING BLOCK	NET ACRES	WELL NUMBER
Township 24 North, Range 6 West		
Section 8: W/2	320.00	CLU #349

Section 11 of the Canyon Largo Unit Agreement specifies that the Initial Participating Area will be effective as of the date of first production.

The Canyon Largo Unit #349 well was completed April 3, 1985 and first produced April 18, 1985. The Mesaverde formation was tested April 23, 1985; following a twenty-three (23) hour test on April 23, 1985, the well produced 11 BOP/D and 10 MCF/D. See attached Exhibit for additional information. The spacing unit for this well is described as the W/2 of Section 8, T-24-N, R-6-W, containing 320.00 acres.

Notice of Non-Commercial Wells

The Canyon Largo Unit #348 and #363 Mesaverde wells have been determined non-commercial and therefore will not be brought into the Mesaverde Participating Area.

The Canyon Largo unit #348 well was completed March 28, 1985 and first produced May 15, 1985. The Mesaverde formation was tested May 17, 1985; following a twenty-four (24) hour test on May 17, 1985, the well produced 36 BOP/D and 8 MCF/D. See attached Exhibit for additional information. The spacing unit for this well is described as the W/2 of Section 6, T-24-N, R-6-W, containing 335.74 acres.

The Canyon Largo Unit #363 well was completed July 2, 1985 and first produced June 30, 1985. The Mesaverde formation was tested August 5, 1985; following a twenty-four (24) hour test on August 5, 1985 the well produced 8 BOP/D and 23 MCF/D. See attached Exhibit for additional information. The spacing unit for this well is described as the E/2 of Section 1, T-24-N, R-7-W, containing 334.00 acres.

Inasmuch as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made therefore and in the absence of disapproval, the Initial Participating Area for the Mesaverde Formation will be become effective as of April 18, 1985.

Attached hereto is Schedule I showing the Initial Participating Area for the Mesaverde Formation of the Canyon Largo Unit. This schedule describes the Participating Area, shows the percentage of unitized tracts and the exact breakdown of the percentage allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached list.

Very truly yours,

Kent Beers
Attorney-in-Fact

KOB:VLG:gm
Enclosures
Canyon Largo Unit, 4.2

13+

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

R. E. Beamon

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

FMP Operating Company

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimball Oil Company

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

MTrust at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

EL PASO NATURAL GAS
SCHEDULE I
THE 000 EXPANDED PARTICIPATING AREA FOR MESAVERDE FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078877	24N 6W	320.00	TRACT: 019A			100.000000
	SEC. 8 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	100.000000

EFFECTIVE 85/04/18

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 8 : W/2
TOTAL COMMITTED: 320.00

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 0.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 320.00

Meridian Oil, Inc.
Commerciality Determination

Well Name: Canyon Largo Unit #348
Formation: Mesaverde (Devils Fork - Oil)
Location: T24N - R6W, 6L
Rio Arriba County, New Mexico

Date Spudded:	2/24/85
Date Completed:	3/28/85
Date of First Delivery:	8/01/85
Date of Commerciality Submittal:	2/12/90

Well Cost Data

Total Well Costs: $240,000

Production Taxes

	Oil % of Revenue	
Severance Tax	(N.M.)	3.75%
School Tax	(N.M.)	3.15%
Ad Valorem	(N.M.)	2.31%
Conservation Tax	(N.M.)	0.19%

Average Product Pricing

Years	Oil Price ($/MBO)	Gas Price ($/MCF)
1985-1989	16.00	2.30

*Based on spot gas sales for the actual months of production adjusted for a heating value of 1351 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas (MMCF)	Oil (MBO)	Operating Expense (M$)
1985	.716 (act.)	.244 (act.)	1.0 (act.)
1986	.007 (act.)	.141 (act.)	2.5 (act.)
1987	S.I. (1.497 est.)	S.I. (.377 est.)	2.5 (est.)
1988	S.I. (1.397 est.)	S.I. (.358 est.)	2.5 (est.)
1989	S.I. (1.305 est.)	S.I. (.340 est.)	2.5 (est.)

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses, and product prices were not escalated.

*The well can be produced to an economic limit of .5 BOPD under the current economic and operating conditions.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOF (MCFD)

Not Available

Meridian Oil, Inc.
Commerciality Determination

Well Name: Canyon Largo Unit #349
Formation: Mesaverde (Devils Fork - Oil)
Location: T24N - R6W, 8K
Rio Arriba County, New Mexico

Date Spudded:	3/02/85
Date Completed:	4/03/85
Date of First Delivery:	5/06/85
Date of Commerciality Submittal:	2/12/90

Well Cost Data

Total Well Costs: $213,000

Production Taxes

		Oil % of Revenue
Severance Tax	(N.M.)	3.75%
School Tax	(N.M.)	3.15%
Ad Valorem	(N.M.)	2.31%
Conservation Tax	(N.M.)	0.19%

Average Product Pricing

Years	Oil Price ($/MBO)	Gas Price ($/MCF)
1985-1989	16.00	2.30

*Based on spot gas sales for the actual months of production adjusted for a heating value of 1351 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas (MMCF)	Oil (MBO)	Operating Expense (M$)
1985	.701 (act.)	.653 (act.)	10.9 (act.)
1986	12.765 (act.)	7.393 (act.)	16.3 (act.)
1987	23.533 (act.)	15.129 (act.)	16.3 (act.)
1988	14.495 (act.)	9.405 (act.)	16.3 (act.)
1989	14.967 (est.)	11.180 (est.)	16.3 (act.)

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses, and product prices were not escalated.

*The well can be produced to an economic limit of 1 BOPD under the current economic and operating conditions.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOF (MCFD)

Not Available

Meridian Oil, Inc.
Commerciality Determination

Well Name: Canyon Largo Unit #363
Formation: Mesaverde (Devils Fork - Oil)
Location: T24N - R7W, 1P
Rio Arriba County, New Mexico

Date Spudded:	5/21/85
Date Completed:	7/21/85
Date of First Delivery:	9/01/85
Date of Commerciality Submittal:	2/12/90

Well Cost Data

Total Well Costs: $227,000

Production Taxes

		Oil % of Revenue
Severance Tax	(N.M.)	3.75%
School Tax	(N.M.)	3.15%
Ad Valorem	(N.M.)	2.31%
Conservation Tax	(N.M.)	0.19%

Average Product Pricing

Years	Oil Price ($/MBO)	Gas Price ($/MCF)
1985-1989	16.00	2.30

*Based on spot gas sales for the actual months of production adjusted for a heating value of 1351 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas (MMCF)	Oil (MBO)	Operating Expense (M$)
1985	1.215 (act.)	.529 (act.)	2.5 (act.)
1986	.675 (act.)	.212 (act.)	7.4 (act.)
1987	.461 (act.)	.195 (act.)	7.4 (act.)
1988	.892 (act.)	.204 (act.)	7.4 (act.)
1989	.307 (act.)	.133 (act.)	7.4 (act.)

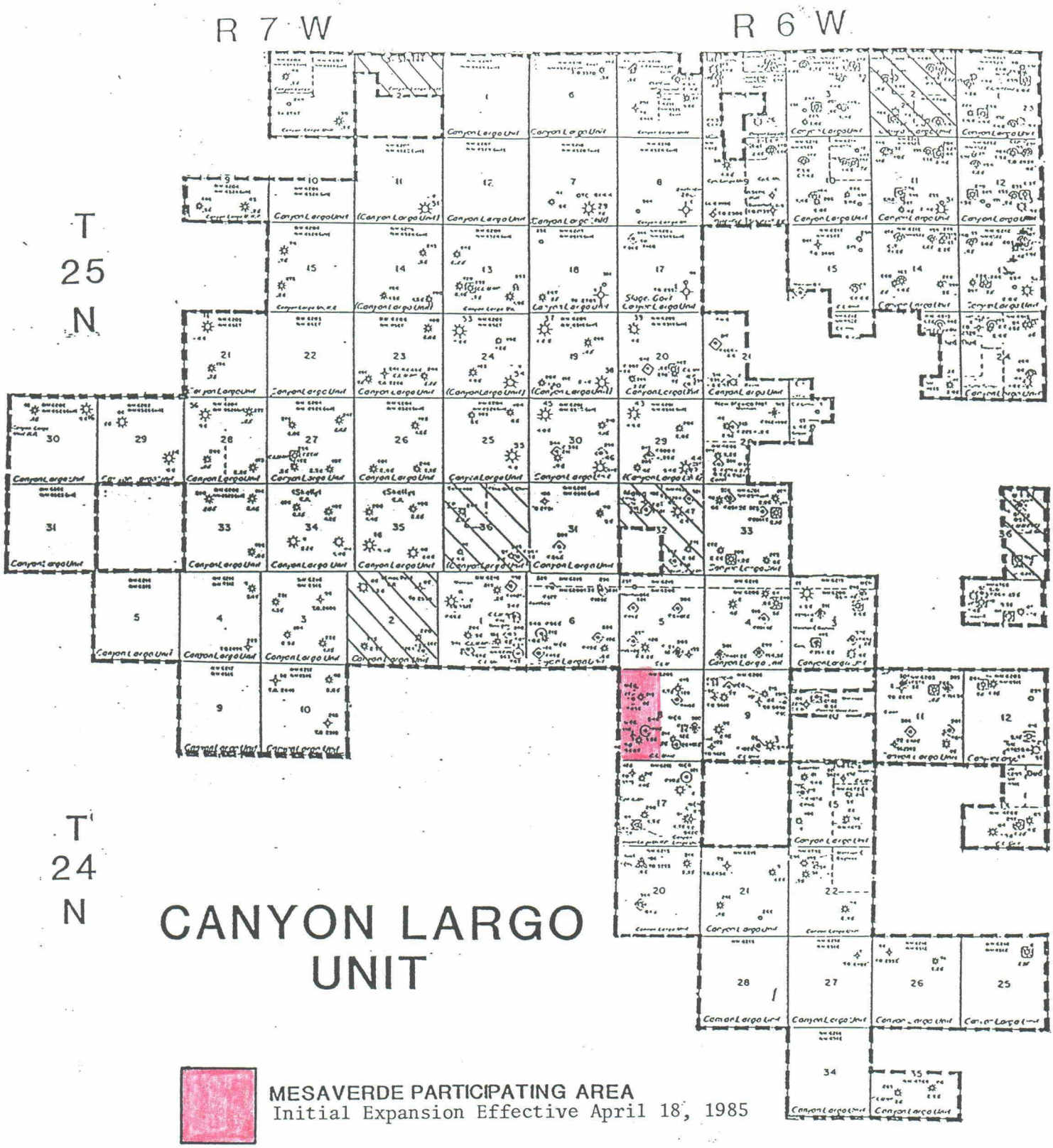
*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses, and product prices were not escalated.

*The well can be produced to an economic limit of .5 BOPD under the current economic and operating conditions.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOF (MCFD)

Not Available



MERIDIAN OIL
LAND DEPARTMENT

El Paso
Natural Gas Company

P O BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE 505-325-2841

February 27, 1990

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

RETURN RECEIPT NO. P 950 791 368

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

RETURN RECEIPT NO. P 950 791 369

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

RETURN RECEIPT NO. P 950 791 370

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Forty-Third Expanded Participating Area, Effective February 1, 1985
Forty-Fourth Expanded Participating Area, Effective October 1, 1985
Forty-Fifth Expanded Participating Area, Effective November 1, 1985
Forty-Sixth Expanded Participating Area, Effective December 1, 1985
Pictured Cliffs Formation

Gentlemen:

In accordance with Section 11 of the Canyon Largo Unit Agreement, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, has determined that the below listed wells are capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation and that the Pictured Cliffs Participating Area should be expanded as follows:

Forty-Third Expanded Participating Area
Effective February 1, 1985

DRILLING BLOCK	NET ACRES	WELL NAME
Township 25 North, Range 6 West		
Section 22: NE/4 (N/2 NE/4 only acreage committed to the Unit)	160.00	Salazar #9

The Salazar #9 well was completed January 23, 1985 in the Pictured Cliffs formation. See attached Exhibit for well economics. The spacing unit for this well is described as the NE/4 of Section 22, T-25-N, R-6-W, N.M.P.M., containing 160.00 acres.

Forty-Fourth Expanded Participating Area
Effective October 1, 1985

DRILLING BLOCK	NET ACRES	WELL NAME
Township 25 North, Range 6 West		
Section 22: SW/4 (SW/4 SW/4 only acreage committed to the Unit)	160.00	Salazar #10

The Salazar #10 well was completed September 16, 1985 in the Pictured Cliffs formation. See attached Exhibit for well economics. The spacing unit for this well is described as the SW/4 of Section 22, T-25-N, R-6-W, N.M.P.M., containing 160.00 acres.

Forty-Fifth Expanded Participating Area
Effective November 1, 1985

DRILLING BLOCK	NET ACRES	WELL NAME
Township 25 North, Range 6 West		
Section 7: W/2	321.32	CLU #61

The Canyon Largo Unit #61 well was completed October 30, 1985 in the Pictured Cliffs formation. See attached Exhibit for well economics. The spacing unit for this well is described as the W/2 of Section 7, T-25-N, R-6-W, N.M.P.M., containing 321.32 acres

Forty-Sixth Expanded Participating Area
Effective December 1, 1985

DRILLING BLOCK	NET ACRES	WELL NAME
Township 25 North, Range 6 West		
Section 27: NW/4 (N/2 NW/4, SW/4 NW/4 only committed to the Unit)	160.00	Salazar #13

The Salazar #13 well was completed November 1, 1985 in the Pictured Cliffs formation See attached Exhibit for well economics. The spacing unit for this well is described as the NW/4 of Section 27, T-25-N, R-6-W, N.M.P.M., containing 160.00 acres.

Inasmuch as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made therefore and in the absence of disapproval, the Forty-third thru Forty-sixth Expanded Participating Area for the Pictured Cliffs formation will become effective as of February 1, 1985, October 1, 1985, November 1, 1985 and December 1, 1985, respectively.

Attached hereto are schedules XLIV, XLV, XLVI and XLVII showing the Forty-third thru Forty-sixth Expanded Participating Area for the Pictured Cliffs formation of the Canyon Largo Unit. These schedules describe the Participating Area, shows the percentage of unitized substances allocated to the unitized tracts and the exact breakdown of the percentage allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached page.

Very truly yours,

Kent Beers
Attorney-in-Fact

KOB:VLG:gm
Enclosure
Canyon Largo Unit, 4.3

cc: Mr. Antonio Martinez,
Executive Director
New Mexico Oil & Gas Accounting Division

13+

CANYON LARGO UNIT WORKING INTEREST OWNERS
PICTURED CLIFFS PARTICIPATING AREA

Amoco Production Company

Ms. Iris V. Balbach

R. E. Beamon

Mr. Tom Bolack & Tommy Bolack,
General Partners, Bolack Minerals Company

Conoco Inc.

Paulene D. Davis & Paulene Marcia Davis McAnally

Dugan Production Corporation

El Paso Production Company

FMP Operating Company

Walter Famariss, Jr. and
Thelma Jackson Famariss

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Edna W. Merrion Trusts No. 1, 2, & 3

Merrion Oil & Gas Corporation

Minel, Inc.

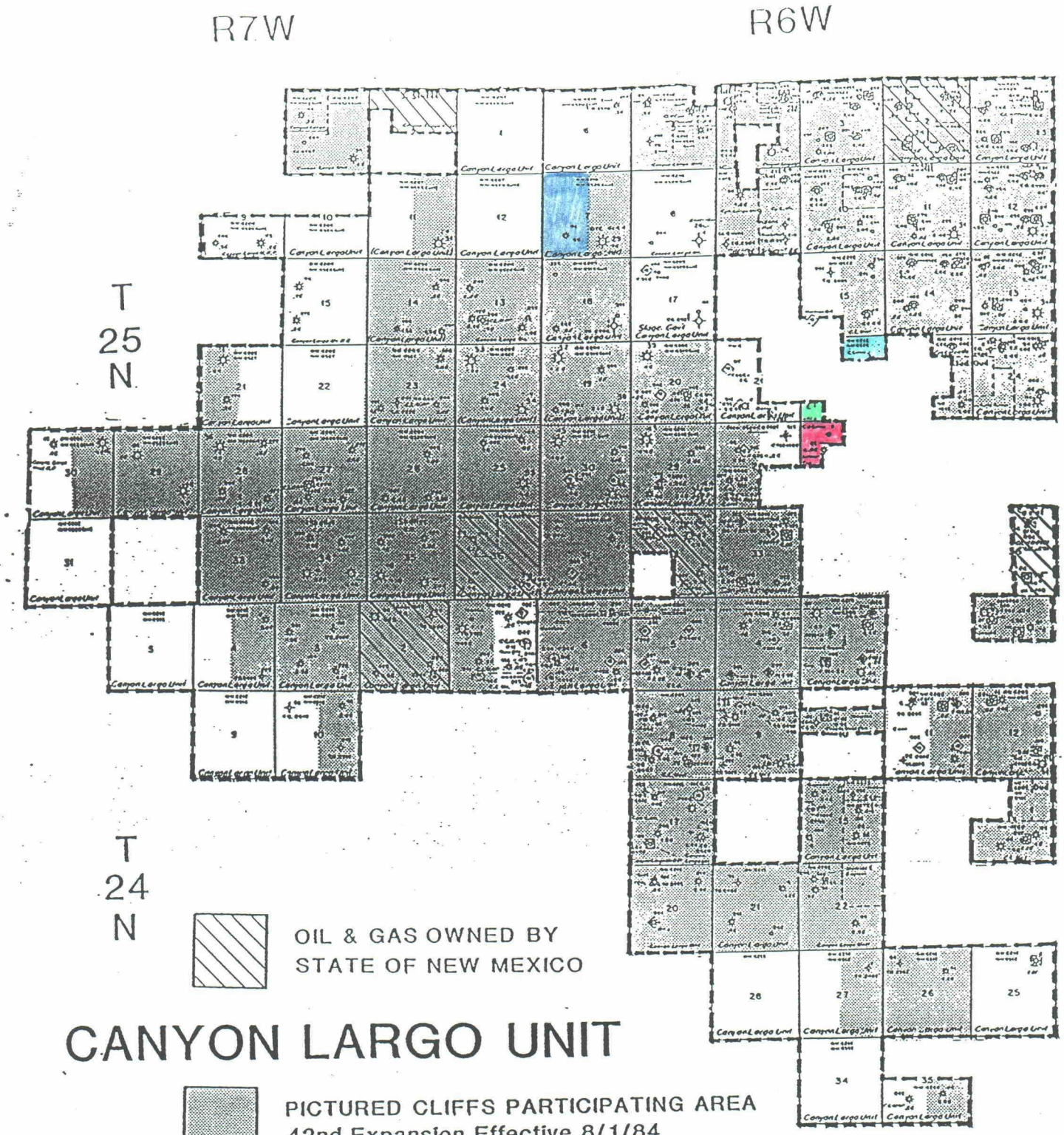
Mrs. Ana Gardner Osborn

PWG Partnership

Texaco Producing Inc.

Union Oil Company of California

The Wiser Oil Company



CANYON LARGO UNIT

PICTURED CLIFFS PARTICIPATING AREA
42nd Expansion Effective 8/1/84

Pictured Cliffs

Chacra

Mesaverde

Gallup

Dakota

43rd Expansion Effective 2/01/85

44th Expansion Effective 10/01/85

45th Expansion Effective 11/01/85

46th Expansion Effective 12/01/85

MERIDIAN OIL
LAND DEPARTMENT
February 28, 1989

EL PASO NATURAL GAS
SCHEDULE XLV
THE 044 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078598	24N 6W	480.00	TRACT: 009			1.326973
	SEC. 22 W/2, SE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	38.750000	38.750000	
			MERRION FOUNDATION	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: ORRI OF 5% BORNE SOLELY BY EPNG					
SF-078628	24N 6W	160.00	TRACT: 011			0.442324
	SEC. 15 N/2 NE/4, S/2 SE/4		ORRI:	9.593750	9.593750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	53.843750	53.843750	
			J. B. DAVIS	6.015625	6.015625	
			THELMA J. FAMARISS	12.031250	12.031250	
			FT. WORTH NAT'L. BANK OIL AC	1.503906	1.503906	
			ANA GARDNER OSBORN	4.511719	4.511719	
			TOTAL	100.000000	100.000000	
	REMARKS: ORRI OF 9.59357% BORNE SOLELY BY EPNG					
SF-078628A	24N 6W	320.00	TRACT: 012			0.884649
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING, INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078874	24N 6W	2,559.04	TRACT: 016			7.074535
	SEC. 3 LOTS 5-12, S/2		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 5-12, S/2		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:			
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078875	25N 6W	2,561.68	TRACT: 017			7.081835
	SEC. 29 ALL		ORRI:	8.750000	8.750000	
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 31 LOTS 1-4, E/2 W/2, E/2 (ALL)		WORKING INTEREST:			
	SEC. 33 ALL		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078876	25N 7W	1,600.00	TRACT: 018			4.423243
	SEC. 29 ALL		ORRI:	8.750000	8.750000	
	SEC. 30 E/2		ROYALTY:	12.500000	12.500000	
	SEC. 33 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078877	24N 6W	640.00	TRACT: 019			1.769298
	SEC. 12 N/2, SW/4, N/2 SE/4		ORRI:	8.750000	8.750000	
	SEC. 13 W/2 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078877	24N 6W	1,600.00	TRACT: 019A			4.423243
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 E/2		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078878	25N 7W	2,520.00	TRACT: 020			6.966609
	SEC. 25 ALL		ORRI:	8.750000	8.750000	
	SEC. 26 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 27 N/2, SE/4, N/2 SW/4, SW/4 SW/4		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
	SEC. 28 ALL					
			TOTAL	100.000000	100.000000	
SF-078879	25N 7W	1,600.00	TRACT: 021			4.423243
	SEC. 21 W/2		ORRI:	8.750000	8.750000	
	SEC. 23 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 24 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078880	25N 7W	1,280.00	TRACT: 022			3.538595
	SEC. 13 ALL		ORRI:	8.750000	8.750000	
	SEC. 14 ALL		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078881	25N 7W	800.80	TRACT: 023			2.213834
	SEC. 3 LOTS 1, 2, S/2 NE/4, S/2		ORRI:	8.750000	8.750000	
	SEC. 11 E/2		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078881A	25N 7W	160.80	TRACT: 023A			0.444536
	SEC. 3 LOTS 3, 4, S/2 NW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078882	25N 6W	1,921.72	TRACT: 024			5.312647
	SEC. 18 LOTS 1-4, E/2 W/2, E/2 (ALL)		ORRI:	8.750000	8.750000	
	SEC. 19 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 20 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883	25N 6W	804.02	TRACT: 025			2.222735
	SEC. 4 LOT 1		ORRI:	8.750000	8.750000	
	SEC. 5 LOTS 2-4, S/2 N/2, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 7 E/2		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883A	25N 6W	160.00	TRACT: 025A			0.442325
	SEC. 5 SE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078884	25N 6W	2,320.00	TRACT: 026			6.413703
	SEC. 12 ALL		ORRI:	8.750000	8.750000	
	SEC. 13 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 14 ALL		WORKING INTEREST:			
	SEC. 15 E/2		EL PASO PRODUCTION CO.	78.750000	78.750000	
	SEC. 22 N/2 NE/4					
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078885	25N 6W SEC. 1 LOTS 1-4, S/2 N/2, S/2 (ALL) SEC. 3 LOTS 1-4, S/2 N/2, S/2 (ALL) SEC. 10 S/2, NW/4 SEC. 11 ALL	2,403.32	TRACT: 027			6.644043
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078885A	25N 6W SEC. 10 NE/4	160.00	TRACT: 027A			0.442325
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078886	24N 6W SEC. 17 ALL SEC. 20 ALL SEC. 21 ALL	1,920.00	TRACT: 028			5.307892
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078922	24N 7W SEC. 3 LOTS 1-12, S/2 (ALL) SEC. 4 LOTS 1,2,7,8,9 , SE/4 (E/2)	1,000.58	TRACT: 029			2.766131
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078922	24N 7W SEC. 1 LOTS 3-6,11,12 , N/2 SW/4,SW/4SW/4	295.60	TRACT: 029A			0.817194
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078923	24N 7W	320.00	TRACT: 030			0.884649
	SEC. 10 E/2		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078925	24N 6W	960.00	TRACT: 031			2.653946
	SEC. 26 ALL		ORRI:	8.750000	8.750000	
	SEC. 27 E/2		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078957	24N 6W	149.15	TRACT: 032			0.412329
	SEC. 3 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 1-4		WORKING INTEREST:			
	SEC. 6 LOTS 1-4		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078987	25N 7W	1,280.00	TRACT: 035			3.538595
	SEC. 34 ALL		ORRI:			
	SEC. 35 ALL		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING, INC.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079071B	25N 6W	160.00	TRACT: 036			0.442324
	SEC. 28 NW/4		ORRI:	10.937500	10.937500	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			PWG PARTNERSHIP	25.520830	25.520830	
			MINEL, INC.	51.041670	51.041670	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079071A	25N 6W	40.00		TRACT: 037			0.110581
	SEC. 22 SW/4 SW/4		ORRI:		18.500000	18.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			R. L. BAYLESS		34.500000	34.500000	
			MERRION OIL & GAS CORP.		34.500000	34.500000	
			TOTAL		100.000000	100.000000	83.424336
SF-079071A	25N 6W	160.00		TRACT: 037A			0.442325
	SEC. 28 SW/4		ORRI:		18.500000	18.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		69.000000	69.000000	
			TOTAL		100.000000	100.000000	
	24N 6W	560.00		TRACT: 038			0.000000
	SEC. 10 S/2, N/2 N/2		ORRI:				
	SEC. 35 S/2 NE/4		ROYALTY:				
			WORKING INTEREST:				
			UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
	24N 6W	40.00		TRACT: 038A			0.000000
	SEC. 13 NW/4 NW/4		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
SF-079177	25N 6W	800.69		TRACT: 041			2.213529
	SEC. 4 LOT 2		ORRI:		17.500000	17.500000	
	SEC. 9 SW/4, S/2 NW/4		ROYALTY:		12.500000	12.500000	
	, NW/4 NW/4		WORKING INTEREST:				
	SEC. 23 N/2 NE/4, S/2		EL PASO PRODUCTION CO.		70.000000	70.000000	
	SE/4						
	SEC. 24 E/2						
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-019400	25N 6W	160.62	TRACT: 041A			0.444039
	SEC. 4 LOT 4, SW/4 NW /4, W/2 SW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			AMOCO PRODUCTION CO.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079177	25N 6W	400.00	TRACT: 041B			1.105810
			ORRI:	15.000000	15.000000	
	SEC. 9 E/2 NE/4,N/2 S E/4,SW/4SE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 24 E/2 W/2, SW/4 SW/4		R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
USA SF 079177	25N 6W	40.00	TRACT: 041C			0.110582
			ORRI:	15.000000	15.000000	
	SEC. 9 SW/4 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	40.00	TRACT: 043			0.110581
			ORRI:	8.750000	8.750000	
	SEC. 1 SE/4 SW/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	25N 6W	200.00	TRACT: 044			0.000000
			ORRI:			
	SEC. 22 S/2 NE/4, E/2 SW/4, NW/SW		ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

EL PASO NATURAL GAS
SCHEDULE XLV
THE 044 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080594	24N 6W	365.40	TRACT: 046			1.010158
	SEC. 1 LOTS 1-12(N/2)		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
	24N 6W	320.00	TRACT: 046A			0.000000
	SEC. 1 S/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	24N 6W	120.00	TRACT: 046B			0.000000
	SEC. 13 S/2 NW/4, NE/4 NW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
SF-080594	24N 6W	160.00	TRACT: 046C			0.442324
	SEC. 13 SW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
USA SF 080594	24N 6W	160.00	TRACT: 046D			0.442325
	SEC. 13 SE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

EL PASO NATURAL GAS
SCHEDULE XLV
THE 044 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-081325	24N 6W	160.00	TRACT: 047			0.442324
	SEC. 35 SE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
E-291-37	25N 6W	560.51	TRACT: 055			1.549545
	SEC. 2 LOT 4, SW/4, S W/4 NW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 32 E/2		EL PASO PRODUCTION CO.	43.750000	43.750000	
			THE WISER OIL CO	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056			0.442324
	SEC. 2 SE/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056A			0.442325
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
	25N 6W	240.00	TRACT: 057			0.000000
	SEC. 23 SW/4 NE/4, NW/ 4 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 32 SW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-35	25N 6W	160.85	TRACT: 058			0.444674
	SEC. 2 LOTS 1,2, S/2 NE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	13.750000	13.750000	
			UNION OIL OF CALIFORNIA	68.750000	68.750000	
			TOTAL	100.000000	100.000000	
E-291-35	25N 6W	80.48	TRACT: 059			0.222489
	SEC. 2 LOT 3, SE/4 NW /4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	14.583334	14.583334	
			UNION OIL OF CALIFORNIA	72.916666	72.916666	
			TOTAL	100.000000	100.000000	
E-505-5	25N 7W	120.00	TRACT: 060			0.331743
	SEC. 36 N/2 NW/4, SE/4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TENNECO OIL COMPANY	42.750000	42.750000	
			CONOCO INC	42.750000	42.750000	
			TOTAL	100.000000	100.000000	
E-809-12	25N 7W	520.00	TRACT: 061			1.437555
	SEC. 36 S/2, NE/4, SW/ 4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			FINA OIL & CHEMICAL COMPANY	85.500000	85.500000	
			TOTAL	100.000000	100.000000	
E-809-15	24N 7W	640.00	TRACT: 061A			1.769297
	SEC. 2 LOTS 5 THRU 12 , S/2		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			DUGAN PRODUCTION CORPORATION	85.500000	85.500000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	24N 6W	80.00	TRACT: 062			0.000000
	SEC. 35 N/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E-56-15	24N 7W	26.64	TRACT: 065			0.073647
	SEC. 2 LOTS 1, 2, 3, 4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			DUGAN PRODUCTION CORPORATION	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
ROBERT TRUBY	25N 6W	320.65	TRACT: 069			0.886446
	SEC. 4 LOT 3,SE NW,S/2 NE,E/2 SE, SW SE		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 9 NW/4 NE/4		TEXACO PRODUCING, INC.	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
	25N 6W	160.00	TRACT: 070			0.000000
	SEC. 4 NW/4 SE/4, E/2 SW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 9 NE/4 NW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	25N 6W	40.70	TRACT: 071			0.000000
	SEC. 5 LOT 1		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
MERRION & BAYL	25N 6W	160.00	TRACT: 074			0.442324
	SEC. 23 SE/4 NE/4, NE/4 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 24 SW/4 NW/4, NW/4 SW/4		IRIS BALBACH	12.500000	12.500000	
			LORNA A. HARVEY	12.500000	12.500000	
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
NO LEASE	24N 6W	160.00	TRACT: 078			0.442324
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
BROGAN & ELKIN	24N 6W	80.00	TRACT: 079			0.221163
	SEC. 12 S/2 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
FEE-NO LEASE	24N 6W	80.00	TRACT: 079A			0.221162
	SEC. 13 E/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E.W. MERRION,	24N 6W	160.00	TRACT: 080			0.442324
	SEC. 15 S/2 NE/4, N/2 SE/4		ORRI:	20.968750	20.968750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	66.531250	66.531250	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE-NO LEASE	24N 6W	160.00	TRACT: 081			0.442325
	SEC. 22 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			IRIS BALBACH	12.500000	12.500000	
			LORNA A. HARVEY	12.500000	12.500000	
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/10/01

EL PASO NATURAL GAS
SCHEDULE XLV
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : LOTS 1-12(N/2)
SECTION 10 : S/2 N/2
SECTION 11 : E/2
SECTION 12 : N/2, SW/4, N/2 SE/4
SECTION 12 : S/2 SE/4
SECTION 13 : E/2 NE/4
SECTION 13 : W/2 NE/4
SECTION 13 : SE/4
SECTION 13 : SW/4
SECTION 15 : N/2 NE/4, S/2 SE/4
SECTION 15 : W/2
SECTION 15 : S/2 NE/4, N/2 SE/4
SECTION 17 : ALL
SECTION 20 : ALL
SECTION 21 : ALL
SECTION 22 : NE/4
SECTION 22 : W/2, SE/4
SECTION 26 : ALL
SECTION 27 : E/2
SECTION 3 : LOTS 1-4
SECTION 3 : LOTS 5-12, S/2
SECTION 35 : SE/4
SECTION 4 : LOTS 1-4
SECTION 4 : LOTS 5-12, S/2
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 3-6,11,12, N/2 SW/4,SW/4SW/4
SECTION 1 : SE/4 SW/4
SECTION 10 : E/2
SECTION 2 : LOTS 5 THRU 12, S/2
SECTION 2 : LOTS 1, 2, 3, 4
SECTION 3 : LOTS 1-12, S/2 (ALL)
SECTION 4 : LOTS 1,2,7,8,9, SE/4 (E/2)
TOWNSHIP 25N , RANGE 6W
SECTION 1 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 10 : S/2, NW/4
SECTION 10 : NE/4
SECTION 11 : ALL
SECTION 12 : ALL
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 15 : E/2
SECTION 18 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 19 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 2 : LOT 3, SE/4 NW/4

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : S/2
SECTION 10 : S/2, N/2 N/2
SECTION 13 : NW/4 NW/4
SECTION 13 : S/2 NW/4, NE/4 NW/4
SECTION 35 : N/2 NE/4
SECTION 35 : S/2 NE/4
TOWNSHIP 25N , RANGE 6W
SECTION 22 : S/2 NE/4, E/2 SW/4, NW/SW
SECTION 23 : SW/4 NE/4, NW/4 SE/4
SECTION 32 : SW/4
SECTION 4 : NW/4 SE/4, E/2 SW/4
SECTION 5 : LOT 1
SECTION 9 : NE/4 NW/4

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA: DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 2 : LOTS 1,2, S/2 NE/4
SECTION 2 : LOT 4, SW/4, SW/4 NW/4
SECTION 2 : SE/4
SECTION 20 : ALL
SECTION 22 : N/2 NE/4
SECTION 22 : SW/4 SW/4
SECTION 23 : N/2 NE/4, S/2 SE/4
SECTION 23 : SE/4 NE/4, NE/4 SE/4
SECTION 24 : SW/4 NW/4, NW/4 SW/4
SECTION 24 : E/2
SECTION 24 : E/2 W/2, SW/4 SW/4
SECTION 28 : NW/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 3 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 32 : E/2
SECTION 32 : NW/4
SECTION 33 : ALL
SECTION 4 : LOT 3,SE NW,S/2 NE,E/2 SE, SW SE
SECTION 4 : LOT 1
SECTION 4 : LOT 4, SW/4 NW/4, W/2 SW/4
SECTION 4 : LOT 2
SECTION 5 : LOTS 2-4, S/2 N/2, SW/4
SECTION 5 : SE/4
SECTION 7 : E/2
SECTION 9 : SW/4, S/2 NW/4, NW/4 NW/4
SECTION 9 : SW/4 NE/4
SECTION 9 : E/2 NE/4,N/2 SE/4,SW/4SE/4
SECTION 9 : NW/4 NE/4
TOWNSHIP 25N , RANGE 7W
SECTION 11 : E/2
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 21 : W/2
SECTION 23 : ALL
SECTION 24 : ALL
SECTION 25 : ALL
SECTION 26 : ALL
SECTION 27 : N/2, SE/4, N/2 SW/4, SW/4 SW/4
SECTION 28 : ALL
SECTION 29 : ALL
SECTION 3 : LOTS 1, 2, S/2 NE/4, S/2
SECTION 3 : LOTS 3, 4, S/2 NW/4
SECTION 30 : E/2
SECTION 33 : ALL
SECTION 34 : ALL
SECTION 35 : ALL
SECTION 36 : S/2, NE/4, SW/4 NW/4
SECTION 36 : N/2 NW/4, SE/4 NW/4

R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL COMMITTED: 36,172.55

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 1,760.70

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 37,933.25

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078598	24N 6W	480.00	TRACT: 009			1.315289
	SEC. 22 W/2, SE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	38.750000	38.750000	
			MERRION FOUNDATION	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: ORRI OF 5% BORNE SOLELY BY EPNG					
SF-078628	24N 6W	160.00	TRACT: 011			0.438430
	SEC. 15 N/2 NE/4, S/2 SE/4		ORRI:	9.593750	9.593750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	53.843750	53.843750	
			J. B. DAVIS	6.015625	6.015625	
			THELMA J. FAMARISS	12.031250	12.031250	
			FT. WORTH NAT'L. BANK OIL AC	1.503906	1.503906	
			ANA GARDNER OSBORN	4.511719	4.511719	
			TOTAL	100.000000	100.000000	
	REMARKS: ORRI OF 9.59375% BORNE SOLELY BY EPNG					
SF-078628A	24N 6W	320.00	TRACT: 012			0.876859
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING, INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078874	24N 6W	2,559.04	TRACT: 016			7.012246
	SEC. 3 LOTS 5-12, S/2		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 5-12, S/2		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:			
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078875	25N 6W	2,561.68	TRACT: 017			7.019481
	SEC. 29 ALL		ORRI:	8.750000	8.750000	
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 31 LOTS 1-4, E/2 W/2, E/2 (ALL)		WORKING INTEREST:			
	SEC. 33 ALL		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078876	25N 7W	1,600.00	TRACT: 018			4.384298
	SEC. 29 ALL		ORRI:	8.750000	8.750000	
	SEC. 30 E/2		ROYALTY:	12.500000	12.500000	
	SEC. 33 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078877	24N 6W	640.00	TRACT: 019			1.753719
	SEC. 12 N/2, SW/4, N/2 SE/4		ORRI:	8.750000	8.750000	
	SEC. 13 W/2 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078877	24N 6W	1,600.00	TRACT: 019A			4.384298
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 E/2		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078878	25N 7W	2,520.00	TRACT: 020			6.905269
	SEC. 25 ALL		ORRI:	8.750000	8.750000	
	SEC. 26 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 27 N/2, SE/4, N/2 SW/4, SW/4 SW/4		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
	SEC. 28 ALL					
			TOTAL	100.000000	100.000000	
SF-078879	25N 7W	1,600.00	TRACT: 021			4.384298
	SEC. 21 W/2		ORRI:	8.750000	8.750000	
	SEC. 23 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 24 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078880	25N 7W	1,280.00	TRACT: 022			3.507438
	SEC. 13 ALL		ORRI:	8.750000	8.750000	
	SEC. 14 ALL		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078881	25N 7W	800.80	TRACT: 023			2.194342
	SEC. 3 LOTS 1, 2, S/2 NE/4, S/2		ORRI:	8.750000	8.750000	
	SEC. 11 E/2		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078881A	25N 7W	160.80	TRACT: 023A			0.440622
	SEC. 3 LOTS 3, 4, S/2 NW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078882	25N 6W	1,921.72	TRACT: 024			5.265870
	SEC. 18 LOTS 1-4, E/2 W/2, E/2 (ALL)		ORRI:	8.750000	8.750000	
	SEC. 19 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 20 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883	25N 6W	1,125.34	TRACT: 025			3.083641
	SEC. 4 LOT 1		ORRI:	8.750000	8.750000	
	SEC. 5 LOTS 2-4, S/2 N/2, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 7 ALL (INCLUDES LOTS 1-4)		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883A	25N 6W	160.00	TRACT: 025A			0.438430
	SEC. 5 SE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078884	25N 6W	2,320.00	TRACT: 026			6.357232
	SEC. 12 ALL		ORRI:	8.750000	8.750000	
	SEC. 13 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 14 ALL		WORKING INTEREST:			
	SEC. 15 E/2		EL PASO PRODUCTION CO.	78.750000	78.750000	
	SEC. 22 N/2 NE/4					
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078885	25N 6W	2,403.32	TRACT: 027			6.585545
	SEC. 1 LOTS 1-4, S/2 N/2, S/2 (ALL)		ORRI:	8.750000	8.750000	
	SEC. 3 LOTS 1-4, S/2 N/2, S/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 10 S/2, NW/4		WORKING INTEREST:			
	SEC. 11 ALL		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078885A	25N 6W	160.00	TRACT: 027A			0.438429
	SEC. 10 NE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078886	24N 6W	1,920.00	TRACT: 028			5.261158
	SEC. 17 ALL		ORRI:	8.750000	8.750000	
	SEC. 20 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 21 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078922	24N 7W	1,000.58	TRACT: 029			2.741775
	SEC. 3 LOTS 1-12, S/2 (ALL)		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
	SEC. 4 LOTS 1,2,7,8,9 , SE/4 (E/2)		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078922	24N 7W	295.60	TRACT: 029A			0.810000
	SEC. 1 LOTS 3-6,11,12 , N/2 SW/4,SW/4SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078923	24N 7W	320.00	TRACT: 030			0.876859
	SEC. 10 E/2		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078925	24N 6W	960.00	TRACT: 031			2.630579
	SEC. 26 ALL		ORRI:	8.750000	8.750000	
	SEC. 27 E/2		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078957	24N 6W	149.15	TRACT: 032			0.408699
	SEC. 3 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 1-4		WORKING INTEREST:			
	SEC. 6 LOTS 1-4		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078987	25N 7W	1,280.00	TRACT: 035			3.507438
	SEC. 34 ALL		ORRI:			
	SEC. 35 ALL		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING, INC.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079071B	25N 6W	160.00	TRACT: 036			0.438430
	SEC. 28 NW/4		ORRI:	10.937500	10.937500	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			PWG PARTNERSHIP	25.520830	25.520830	
			MINEL, INC.	51.041670	51.041670	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079071A	25N 6W	40.00	TRACT: 037			0.109607
	SEC. 22 SW/4 SW/4		ORRI:	18.500000	18.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			R. L. BAYLESS	34.500000	34.500000	
			MERRION OIL & GAS CORP.	34.500000	34.500000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	160.00	TRACT: 037A			0.438430
	SEC. 28 SW/4		ORRI:	18.500000	18.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	69.000000	69.000000	
			TOTAL	100.000000	100.000000	
	24N 6W	560.00	TRACT: 038			0.000000
	SEC. 10 S/2, N/2 N/2		ORRI:			
	SEC. 35 S/2 NE/4		ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	24N 6W	40.00	TRACT: 038A			0.000000
	SEC. 13 NW/4 NW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
SF-079177	25N 6W	800.69	TRACT: 041			2.194040
	SEC. 4 LOT 2		ORRI:	17.500000	17.500000	
	SEC. 9 SW/4, S/2 NW/4		ROYALTY:	12.500000	12.500000	
	, NW/4 NW/4		WORKING INTEREST:			
	SEC. 23 N/2 NE/4, S/2		EL PASO PRODUCTION CO.	70.000000	70.000000	
	SE/4					
	SEC. 24 E/2					
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NM-019400	25N 6W	160.62	TRACT: 041A			0.440129
	SEC. 4 LOT 4, SW/4 NW /4, W/2 SW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			AMOCO PRODUCTION CO.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079177	25N 6W	400.00	TRACT: 041B			1.096074
	SEC. 9 E/2 NE/4,N/2 S E/4,SW/4SE/4		ORRI:	15.000000	15.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 24 E/2 W/2, SW/4 SW/4		R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.500000	36.500000	
			TOTAL	100.250000	100.250000	
USA SF 079177	25N 6W	40.00	TRACT: 041C			0.109607
	SEC. 9 SW/4 NE/4		ORRI:	15.000000	15.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	40.00	TRACT: 043			0.109608
	SEC. 1 SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	25N 6W	200.00	TRACT: 044			0.000000
	SEC. 22 S/2 NE/4, E/2 SW/4, NW/SW		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-080594	24N 6W	365.40	TRACT: 046			1.001264
	SEC. 1 LOTS 1-12(N/2)		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
	24N 6W	320.00	TRACT: 046A			0.000000
	SEC. 1 S/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	24N 6W	120.00	TRACT: 046B			0.000000
	SEC. 13 S/2 NW/4, NE/4 NW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
SF-080594	24N 6W	160.00	TRACT: 046C			0.438430
	SEC. 13 SW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
USA SF 080594	24N 6W	160.00	TRACT: 046D			0.438430
	SEC. 13 SE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-081325	24N 6W	160.00	TRACT: 047			0.438429
	SEC. 35 SE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
E-291-37	25N 6W	560.51	TRACT: 055			1.535902
	SEC. 2 LOT 4, SW/4, SW/4 NW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 32 E/2		EL PASO PRODUCTION CO.	43.750000	43.750000	
			THE WISER OIL CO	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056			0.438430
	SEC. 2 SE/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056A			0.438430
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
	25N 6W	240.00	TRACT: 057			0.000000
	SEC. 23 SW/4 NE/4, NW/4 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 32 SW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-35	25N 6W	160.85	TRACT: 058			0.440759
	SEC. 2 LOTS 1,2, S/2 NE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	13.750000	13.750000	
			UNION OIL OF CALIFORNIA	68.750000	68.750000	
			TOTAL	100.000000	100.000000	
E-291-35	25N 6W	80.48	TRACT: 059			0.220530
	SEC. 2 LOT 3, SE/4 NW /4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	14.583334	14.583334	
			UNION OIL OF CALIFORNIA	72.916666	72.916666	
			TOTAL	100.000000	100.000000	
E-505-5	25N 7W	120.00	TRACT: 060			0.328822
	SEC. 36 N/2 NW/4, SE/4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TENNECO OIL COMPANY	42.750000	42.750000	
			CONOCO INC	42.750000	42.750000	
			TOTAL	100.000000	100.000000	
E-809-12	25N 7W	520.00	TRACT: 061			1.424897
	SEC. 36 S/2, NE/4, SW/ 4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			FINA OIL & CHEMICAL COMPANY	85.500000	85.500000	
			TOTAL	100.000000	100.000000	
E-809-15	24N 7W	640.00	TRACT: 061A			1.753719
	SEC. 2 LOTS 5 THRU 12 , S/2		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			DUGAN PRODUCTION CORPORATION	85.500000	85.500000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	24N 6W	80.00	TRACT: 062			0.000000
	SEC. 35 N/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E-56-15	24N 7W	26.64	TRACT: 065			0.072999
	SEC. 2 LOTS 1, 2, 3, 4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			DUGAN PRODUCTION CORPORATION	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
ROBERT TRUBY	25N 6W	320.65	TRACT: 069			0.878641
	SEC. 4 LOT 3,SE NW,S/2 NE,E/2 SE, SW SE		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 9 NW/4 NE/4		TEXACO PRODUCING, INC.	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
	25N 6W	160.00	TRACT: 070			0.000000
	SEC. 4 NW/4 SE/4, E/2 SW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 9 NE/4 NW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	25N 6W	40.70	TRACT: 071			0.000000
	SEC. 5 LOT 1		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
MERRION & BAYL	25N 6W	160.00	TRACT: 074			0.438429
	SEC. 23 SE/4 NE/4, NE/4 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 24 SW/4 NW/4, NW/4 SW/4		IRIS BALBACH	12.500000	12.500000	
			LORNA A. HARVEY	12.500000	12.500000	
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
NO LEASE	24N 6W	160.00	TRACT: 078			0.438430
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
BROGAN & ELKIN	24N 6W	80.00	TRACT: 079			0.219215
	SEC. 12 S/2 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
FEE-NO LEASE	24N 6W	80.00	TRACT: 079A			0.219215
	SEC. 13 E/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E.W. MERRION,	24N 6W	160.00	TRACT: 080			0.438430
	SEC. 15 S/2 NE/4, N/2 SE/4		ORRI:	20.968750	20.968750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	66.531250	66.531250	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
THE 045 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE-NO LEASE	24N 6W	160.00	TRACT: 081			0.438430
	SEC. 22 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			IRIS BALBACH	12.500000	12.500000	
			LORNA A. HARVEY	12.500000	12.500000	
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	100.000000

EFFECTIVE 85/11/01

EL PASO NATURAL GAS
SCHEDULE XLVI
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : LOTS 1-12(N/2)
SECTION 10 : S/2 N/2
SECTION 11 : E/2
SECTION 12 : N/2, SW/4, N/2 SE/4
SECTION 12 : S/2 SE/4
SECTION 13 : E/2 NE/4
SECTION 13 : W/2 NE/4
SECTION 13 : SE/4
SECTION 13 : SW/4
SECTION 15 : N/2 NE/4, S/2 SE/4
SECTION 15 : W/2
SECTION 15 : S/2 NE/4, N/2 SE/4
SECTION 17 : ALL
SECTION 20 : ALL
SECTION 21 : ALL
SECTION 22 : NE/4
SECTION 22 : W/2, SE/4
SECTION 26 : ALL
SECTION 27 : E/2
SECTION 3 : LOTS 1-4
SECTION 3 : LOTS 5-12, S/2
SECTION 35 : SE/4
SECTION 4 : LOTS 1-4
SECTION 4 : LOTS 5-12, S/2
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 3-6,11,12, N/2 SW/4,SW/4SW/4
SECTION 1 : SE/4 SW/4
SECTION 10 : E/2
SECTION 2 : LOTS 5 THRU 12, S/2
SECTION 2 : LOTS 1, 2, 3, 4
SECTION 3 : LOTS 1-12, S/2 (ALL)
SECTION 4 : LOTS 1,2,7,8,9, SE/4 (E/2)
TOWNSHIP 25N , RANGE 6W
SECTION 1 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 10 : S/2, NW/4
SECTION 10 : NE/4
SECTION 11 : ALL
SECTION 12 : ALL
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 15 : E/2
SECTION 18 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 19 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 2 : LOT 3, SE/4 NW/4

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : S/2
SECTION 10 : S/2, N/2 N/2
SECTION 13 : NW/4 NW/4
SECTION 13 : S/2 NW/4, NE/4 NW/4
SECTION 35 : N/2 NE/4
SECTION 35 : S/2 NE/4
TOWNSHIP 25N , RANGE 6W
SECTION 22 : S/2 NE/4, E/2 SW/4, NW/SW
SECTION 23 : SW/4 NE/4, NW/4 SE/4
SECTION 32 : SW/4
SECTION 4 : NW/4 SE/4, E/2 SW/4
SECTION 5 : LOT 1
SECTION 9 : NE/4 NW/4

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 2 : LOTS 1,2, S/2 NE/4
SECTION 2 : LOT 4, SW/4, SW/4 NW/4
SECTION 2 : SE/4
SECTION 20 : ALL
SECTION 22 : N/2 NE/4
SECTION 22 : SW/4 SW/4
SECTION 23 : N/2 NE/4, S/2 SE/4
SECTION 23 : SE/4 NE/4, NE/4 SE/4
SECTION 24 : SW/4 NW/4, NW/4 SW/4
SECTION 24 : E/2
SECTION 24 : E/2 W/2, SW/4 SW/4
SECTION 28 : NW/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 3 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 32 : E/2
SECTION 32 : NW/4
SECTION 33 : ALL
SECTION 4 : LOT 3,SE NW,S/2 NE,E/2 SE, SW SE
SECTION 4 : LOT 1
SECTION 4 : LOT 4, SW/4 NW/4, W/2 SW/4
SECTION 4 : LOT 2
SECTION 5 : LOTS 2-4, S/2 N/2, SW/4
SECTION 5 : SE/4
SECTION 7 : ALL (INCLUDES LOTS 1-4)
SECTION 9 : SW/4, S/2 NW/4, NW/4 NW/4
SECTION 9 : SW/4 NE/4
SECTION 9 : E/2 NE/4,N/2 SE/4,SW/4SE/4
SECTION 9 : NW/4 NE/4
TOWNSHIP 25N , RANGE 7W
SECTION 11 : E/2
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 21 : W/2
SECTION 23 : ALL
SECTION 24 : ALL
SECTION 25 : ALL
SECTION 26 : ALL
SECTION 27 : N/2, SE/4, N/2 SW/4, SW/4 SW/4
SECTION 28 : ALL
SECTION 29 : ALL
SECTION 3 : LOTS 1, 2, S/2 NE/4, S/2
SECTION 3 : LOTS 3, 4, S/2 NW/4
SECTION 30 : E/2
SECTION 33 : ALL
SECTION 34 : ALL
SECTION 35 : ALL
SECTION 36 : S/2, NE/4, SW/4 NW/4
SECTION 36 : N/2 NW/4, SE/4 NW/4

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL COMMITTED: 36,493.87

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 1,760.70

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 38,254.57

EL PASO NATURAL GAS
SCHEDULE XLVII
THE 046 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078598	24N 6W	480.00	TRACT: 009			1.310978
	SEC. 22 W/2, SE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	38.750000	38.750000	
			MERRION FOUNDATION	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: ORRI OF 5% BORNE SOLELY BY EPNG					
SF-078628	24N 6W	160.00	TRACT: 011			0.436993
	SEC. 15 N/2 NE/4, S/2 SE/4		ORRI:	9.593750	9.593750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	53.843750	53.843750	
			J. B. DAVIS	6.015625	6.015625	
			THELMA J. FAMARISS	12.031250	12.031250	
			FT. WORTH NAT'L. BANK OIL AC	1.503906	1.503906	
			ANA GARDNER OSBORN	4.511719	4.511719	
			TOTAL	100.000000	100.000000	
	REMARKS: ORRI OF 9.59375% BORNE SOLELY BY EPNG					
SF-078628A	24N 6W	320.00	TRACT: 012			0.873986
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING, INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

EL PASO NATURAL GAS
SCHEDULE XLVII
THE 046 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078874	24N 6W	2,559.04	TRACT: 016			6.989264
	SEC. 3 LOTS 5-12, S/2		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 5-12, S/2		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:			
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078875	25N 6W	2,561.68	TRACT: 017			6.996474
	SEC. 29 ALL		ORRI:	8.750000	8.750000	
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 31 LOTS 1-4, E/2 W/2, E/2 (ALL)		WORKING INTEREST:			
	SEC. 33 ALL		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078876	25N 7W	1,600.00	TRACT: 018			4.369929
	SEC. 29 ALL		ORRI:	8.750000	8.750000	
	SEC. 30 E/2		ROYALTY:	12.500000	12.500000	
	SEC. 33 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078877	24N 6W	640.00	TRACT: 019			1.747971
	SEC. 12 N/2, SW/4, N/2 SE/4		ORRI:	8.750000	8.750000	
	SEC. 13 W/2 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078877	24N 6W	1,600.00	TRACT: 019A			4.369929
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 E/2		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

EL PASO NATURAL GAS
SCHEDULE XLVII
THE 046 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078878	25N 7W	2,520.00		TRACT: 020			6.882637
	SEC. 25 ALL		ORRI:		8.750000	8.750000	
	SEC. 26 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 27 N/2, SE/4, N/2 SW/4, SW/4 SW/4		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
	SEC. 28 ALL						
			TOTAL		100.000000	100.000000	
SF-078879	25N 7W	1,600.00		TRACT: 021			4.369929
	SEC. 21 W/2		ORRI:		8.750000	8.750000	
	SEC. 23 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 24 ALL		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078880	25N 7W	1,280.00		TRACT: 022			3.495943
	SEC. 13 ALL		ORRI:		8.750000	8.750000	
	SEC. 14 ALL		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078881	25N 7W	800.80		TRACT: 023			2.187149
	SEC. 3 LOTS 1, 2, S/2 NE/4, S/2		ORRI:		8.750000	8.750000	
	SEC. 11 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078881A	25N 7W	160.80		TRACT: 023A			0.439178
	SEC. 3 LOTS 3, 4, S/2 NW/4		ORRI:		8.750000	8.750000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078882	25N 6W	1,921.72	TRACT: 024			5.248612
	SEC. 18 LOTS 1-4, E/2 W/2, E/2 (ALL)		ORRI:	8.750000	8.750000	
	SEC. 19 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 20 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883	25N 6W	1,125.34	TRACT: 025			3.073535
	SEC. 4 LOT 1		ORRI:	8.750000	8.750000	
	SEC. 5 LOTS 2-4, S/2 N/2, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 7 ALL (INCLUDES LOTS 1-4)		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883A	25N 6W	160.00	TRACT: 025A			0.436993
	SEC. 5 SE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078884	25N 6W	2,320.00	TRACT: 026			6.336396
	SEC. 12 ALL		ORRI:	8.750000	8.750000	
	SEC. 13 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 14 ALL		WORKING INTEREST:			
	SEC. 15 E/2		EL PASO PRODUCTION CO.	78.750000	78.750000	
	SEC. 22 N/2 NE/4					
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078885	25N 6W	2,403.32	TRACT: 027			6.563961
	SEC. 1 LOTS 1-4, S/2 N/2, S/2 (ALL)		ORRI:	8.750000	8.750000	
	SEC. 3 LOTS 1-4, S/2 N/2, S/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 10 S/2, NW/4		WORKING INTEREST:			
	SEC. 11 ALL		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078885A	25N 6W	160.00	TRACT: 027A			0.436993
	SEC. 10 NE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078886	24N 6W	1,920.00	TRACT: 028			5.243914
	SEC. 17 ALL		ORRI:	8.750000	8.750000	
	SEC. 20 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 21 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078922	24N 7W	1,000.58	TRACT: 029			2.732790
	SEC. 3 LOTS 1-12, S/2 (ALL)		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 1,2,7,8,9 , SE/4 (E/2)		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078922	24N 7W	295.60	TRACT: 029A			0.807344
	SEC. 1 LOTS 3-6,11,12 , N/2 SW/4,SW/4SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078923	24N 7W	320.00	TRACT: 030			0.873986
	SEC. 10 E/2		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078925	24N 6W	960.00	TRACT: 031			2.621957
	SEC. 26 ALL		ORRI:	8.750000	8.750000	
	SEC. 27 E/2		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078957	24N 6W	149.15	TRACT: 032			0.407359
	SEC. 3 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 1-4		WORKING INTEREST:			
	SEC. 6 LOTS 1-4		EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078987	25N 7W	1,280.00	TRACT: 035			3.495943
	SEC. 34 ALL		ORRI:			
	SEC. 35 ALL		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING, INC.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079071B	25N 6W	160.00	TRACT: 036			0.436993
	SEC. 28 NW/4		ORRI:	10.937500	10.937500	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			PWG PARTNERSHIP	25.520830	25.520830	
			MINEL, INC.	51.041670	51.041670	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079071A	25N 6W	40.00	TRACT: 037			0.109248
	SEC. 22 SW/4 SW/4		ORRI:	18.500000	18.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			R. L. BAYLESS	34.500000	34.500000	
			MERRION OIL & GAS CORP.	34.500000	34.500000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	160.00	TRACT: 037A			0.436993
	SEC. 28 SW/4		ORRI:	18.500000	18.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	69.000000	69.000000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	120.00	TRACT: 037B			0.327745
	SEC. 27 N/2 NW/4, SW/4 NW/4		ORRI:	18.500000	18.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			CURTIS J. LITTLE	69.000000	69.000000	
			TOTAL	100.000000	100.000000	84.061122

REMARKS:
SUBJECT TO F/A BETWEEN CURTIS J. LITTLE
& A.G. HILL, APO HILL WILL BACKIN WITH
A 50% WI.

	24N 6W	560.00	TRACT: 038			0.000000
	SEC. 10 S/2, N/2 N/2		ORRI:			
	SEC. 35 S/2 NE/4		ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	24N 6W	40.00	TRACT: 038A			0.000000
	SEC. 13 NW/4 NW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

EL PASO NATURAL GAS
SCHEDULE XLVII
THE 046 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079177	25N 6W	800.69	TRACT: 041			2.186849
	SEC. 4 LOT 2		ORRI:	17.500000	17.500000	
	SEC. 9 SW/4, S/2 NW/4 , NW/4 NW/4		ROYALTY:	12.500000	12.500000	
	SEC. 23 N/2 NE/4, S/2 SE/4		WORKING INTEREST:			
	SEC. 24 E/2		EL PASO PRODUCTION CO.	70.000000	70.000000	
			TOTAL	100.000000	100.000000	
NM-019400	25N 6W	160.62	TRACT: 041A			0.438686
	SEC. 4 LOT 4, SW/4 NW /4, W/2 SW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			AMOCO PRODUCTION CO.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079177	25N 6W	400.00	TRACT: 041B			1.092482
	SEC. 9 E/2 NE/4,N/2 S E/4,SW/4SE/4		ORRI:	15.000000	15.000000	
			ROYALTY:	12.500000	12.500000	
	SEC. 24 E/2 W/2, SW/4 SW/4		WORKING INTEREST:			
			R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.500000	36.500000	
			TOTAL	100.250000	100.250000	
USA SF 079177	25N 6W	40.00	TRACT: 041C			0.109248
	SEC. 9 SW/4 NE/4		ORRI:	15.000000	15.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	40.00	TRACT: 043			0.109248
	SEC. 1 SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	25N 6W	240.00	TRACT: 044			0.000000
	SEC. 22 S/2 NE/4, E/2 SW/4, NW/SW		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 27 SE/4 NW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
SF-080594	24N 6W	365.40	TRACT: 046			0.997983
	SEC. 1 LOTS 1-12(N/2)		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
	24N 6W	320.00	TRACT: 046A			0.000000
	SEC. 1 S/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	24N 6W	120.00	TRACT: 046B			0.000000
	SEC. 13 S/2 NW/4, NE/4 NW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
SF-080594	24N 6W	160.00	TRACT: 046C			0.436993
	SEC. 13 SW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

EL PASO NATURAL GAS
SCHEDULE XLVII
THE 046 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
USA SF 080594	24N 6W	160.00	TRACT: 046D			0.436993
	SEC. 13 SE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
SF-081325	24N 6W	160.00	TRACT: 047			0.436992
	SEC. 35 SE/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
E-291-37	25N 6W	560.51	TRACT: 055			1.530868
	SEC. 2 LOT 4, SW/4, S W/4 NW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
	SEC. 32 E/2		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			THE WISER OIL CO	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056			0.436993
	SEC. 2 SE/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056A			0.436993
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	25N 6W	240.00	TRACT: 057			0.000000
	SEC. 23 SW/4 NE/4, NW/4 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 32 SW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E-291-35	25N 6W	160.85	TRACT: 058			0.439315
	SEC. 2 LOTS 1,2, S/2 NE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	13.750000	13.750000	
			UNION OIL OF CALIFORNIA	68.750000	68.750000	
			TOTAL	100.000000	100.000000	
E-291-35	25N 6W	80.48	TRACT: 059			0.219807
	SEC. 2 LOT 3, SE/4 NW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	14.583334	14.583334	
			UNION OIL OF CALIFORNIA	72.916666	72.916666	
			TOTAL	100.000000	100.000000	
E-505-5	25N 7W	120.00	TRACT: 060			0.327745
	SEC. 36 N/2 NW/4, SE/4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TENNECO OIL COMPANY	42.750000	42.750000	
			CONOCO INC	42.750000	42.750000	
			TOTAL	100.000000	100.000000	
E-809-12	25N 7W	520.00	TRACT: 061			1.420226
	SEC. 36 S/2, NE/4, SW/4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			FINA OIL & CHEMICAL COMPANY	85.500000	85.500000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK / OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-809-15	24N 7W	640.00	TRACT: 061A			1.747972
	SEC. 2 LOTS 5 THRU 12 , S/2		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			DUGAN PRODUCTION CORPORATION	85.500000	85.500000	
			TOTAL	100.000000	100.000000	
	24N 6W	80.00	TRACT: 062			0.000000
	SEC. 35 N/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E-56-15	24N 7W	26.64	TRACT: 065			0.072759
	SEC. 2 LOTS 1, 2, 3, 4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			DUGAN PRODUCTION CORPORATION	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
ROBERT TRUBY	25N 6W	320.65	TRACT: 069			0.875761
	SEC. 4 LOT 3,SE NW,S/2 NE,E/2 SE, SW SE		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 9 NW/4 NE/4		TEXACO PRODUCING, INC.	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
	25N 6W	160.00	TRACT: 070			0.000000
	SEC. 4 NW/4 SE/4, E/2 SW/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 9 NE/4 NW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
	25N 6W	40.70	TRACT: 071			0.000000
	SEC. 5 LOT 1		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
MERRION & BAYL	25N 6W	160.00	TRACT: 074			0.436993
	SEC. 23 SE/4 NE/4, NE/4 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 24 SW/4 NW/4, NW/4 SW/4		IRIS BALBACH	12.500000	12.500000	
			LORNA A. HARVEY	12.500000	12.500000	
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
NO LEASE	24N 6W	160.00	TRACT: 078			0.436993
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
BROGAN & ELKIN	24N 6W	80.00	TRACT: 079			0.218496
	SEC. 12 S/2 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
FEE-NO LEASE	24N 6W	80.00	TRACT: 079A			0.218497
	SEC. 13 E/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E.W. MERRION,	24N 6W	160.00	TRACT: 080			0.436993
	SEC. 15 S/2 NE/4, N/2 SE/4		ORRI:	20.968750	20.968750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	66.531250	66.531250	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
FEE-NO LEASE	24N 6W	160.00	TRACT: 081			0.436993
	SEC. 22 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			IRIS BALBACH	12.500000	12.500000	
			LORNA A. HARVEY	12.500000	12.500000	
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/12/01

EL PASO NATURAL GAS
SCHEDULE XLVII
R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : LOTS 1-12(N/2)
SECTION 10 : S/2 N/2
SECTION 11 : E/2
SECTION 12 : N/2, SW/4, N/2 SE/4
SECTION 12 : S/2 SE/4
SECTION 13 : E/2 NE/4
SECTION 13 : SW/4
SECTION 13 : SE/4
SECTION 13 : W/2 NE/4
SECTION 15 : N/2 NE/4, S/2 SE/4
SECTION 15 : W/2
SECTION 15 : S/2 NE/4, N/2 SE/4
SECTION 17 : ALL
SECTION 20 : ALL
SECTION 21 : ALL
SECTION 22 : NE/4
SECTION 22 : W/2, SE/4
SECTION 26 : ALL
SECTION 27 : E/2
SECTION 3 : LOTS 1-4
SECTION 3 : LOTS 5-12, S/2
SECTION 35 : SE/4
SECTION 4 : LOTS 1-4
SECTION 4 : LOTS 5-12, S/2
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 3-6,11,12, N/2 SW/4,SW/4SW/4
SECTION 1 : SE/4 SW/4
SECTION 10 : E/2
SECTION 2 : LOTS 5 THRU 12, S/2
SECTION 2 : LOTS 1, 2, 3, 4
SECTION 3 : LOTS 1-12, S/2 (ALL)
SECTION 4 : LOTS 1,2,7,8,9, SE/4 (E/2)
TOWNSHIP 25N , RANGE 6W
SECTION 1 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 10 : NE/4
SECTION 10 : S/2, NW/4
SECTION 11 : ALL
SECTION 12 : ALL
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 15 : E/2
SECTION 18 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 19 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 2 : LOTS 1,2, S/2 NE/4

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : S/2
SECTION 10 : S/2, N/2 N/2
SECTION 13 : S/2 NW/4, NE/4 NW/4
SECTION 13 : NW/4 NW/4
SECTION 35 : S/2 NE/4
SECTION 35 : N/2 NE/4
TOWNSHIP 25N , RANGE 6W
SECTION 22 : S/2 NE/4, E/2 SW/4, NW/SW
SECTION 23 : SW/4 NE/4, NW/4 SE/4
SECTION 27 : SE/4 NW/4
SECTION 32 : SW/4
SECTION 4 : NW/4 SE/4, E/2 SW/4
SECTION 5 : LOT 1
SECTION 9 : NE/4 NW/4

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 2 : LOT 3, SE/4 NW/4
SECTION 2 : LOT 4, SW/4, SW/4 NW/4
SECTION 2 : SE/4
SECTION 20 : ALL
SECTION 22 : N/2 NE/4
SECTION 22 : SW/4 SW/4
SECTION 23 : N/2 NE/4, S/2 SE/4
SECTION 23 : SE/4 NE/4, NE/4 SE/4
SECTION 24 : SW/4 NW/4, NW/4 SW/4
SECTION 24 : E/2 W/2, SW/4 SW/4
SECTION 24 : E/2
SECTION 27 : N/2 NW/4, SW/4 NW/4
SECTION 28 : NW/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 3 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 32 : NW/4
SECTION 32 : E/2
SECTION 33 : ALL
SECTION 4 : LOT 1
SECTION 4 : LOT 3,SE NW,S/2 NE,E/2 SE, SW SE
SECTION 4 : LOT 4, SW/4 NW/4, W/2 SW/4
SECTION 4 : LOT 2
SECTION 5 : SE/4
SECTION 5 : LOTS 2-4, S/2 N/2, SW/4
SECTION 7 : ALL (INCLUDES LOTS 1-4)
SECTION 9 : NW/4 NE/4
SECTION 9 : SW/4 NE/4
SECTION 9 : E/2 NE/4,N/2 SE/4,SW/4SE/4
SECTION 9 : SW/4, S/2 NW/4, NW/4 NW/4
TOWNSHIP 25N , RANGE 7W
SECTION 11 : E/2
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 21 : W/2
SECTION 23 : ALL
SECTION 24 : ALL
SECTION 25 : ALL
SECTION 26 : ALL
SECTION 27 : N/2, SE/4, N/2 SW/4, SW/4 SW/4
SECTION 28 : ALL
SECTION 29 : ALL
SECTION 3 : LOTS 1, 2, S/2 NE/4, S/2
SECTION 3 : LOTS 3, 4, S/2 NW/4
SECTION 30 : E/2
SECTION 33 : ALL
SECTION 34 : ALL
SECTION 35 : ALL
SECTION 36 : N/2 NW/4, SE/4 NW/4

EL PASO NATURAL GAS
SCHEDULE XLVII

R E C A P I T U L A T I O N

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 36 : S/2, NE/4, SW/4 NW/4
TOTAL COMMITTED: 36,613.87

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 1,800.70

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 38,414.57

MERIDIAN OIL

March 1, 1990

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Forty-Third Expanded Participating
Area, Effective February 1, 1985
Pictured Cliffs Formation

Gentlemen:

In our letter to you dated February 27, 1990 wherein we requested the approval of the Pictured Cliffs expansion for the Canyon Largo Unit, we have discovered that the forty-third expansion was inadvertently omitted. Please find enclosed your respective copies. We ask that you insert these copies with our original letter for your consideration for approval.

We apologize for the inconvenience.

Very truly yours,

Van L. Goebel
Senior Landman

VLG:gm
Enclosure

CLU, 4.2

13+

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-327-0251

Meridian Oil, Inc.
Commerciality Determination

Well Name: Salazar #9
Formation: Pictured Cliffs (Blanco P.C. South)
Location: T25N - R6W, 22H
Rio Arriba County, New Mexico

Date Spudded:	12/27/85
Date Completed:	1/23/85
Date of First Delivery:	8/85
Date of Commerciality Submittal:	2/12/90

Well Cost Data

Total Well Costs: $ 80,000

Production Taxes

	Oil % of Revenue
	$.163/MCF (thru 7/1/90) 3.75% thereafter
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 2.31%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

Years	Gas Price ($/MCF)
1985-1989	2.30

*Based on spot gas sales for the actual months of production adjusted for a heating value of 1100 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas (MMCF)	Oil (MBO)	Operating Expense (M$)
1985	15.2	0	1.0 (act.)
1986	8.6	0	2.4 (act.)
1987	15.8	0	2.4 (act.)
1988	10.0	0	2.4 (act.)
1989	7.0	0	2.4 (act.)

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses, and product prices were not escalated.

*The well can be produced to an economic limit of approximately 15 MCFPD under the current economic and operating conditions.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOF (MCFD)
10/29/85	353	144	-	97

Meridian Oil, Inc.
Commerciality Determination

Well Name: Salazar #10
Formation: Pictured Cliffs (Blanco P.C. South)
Location: T25N - R6W, 22K
Rio Arriba County, New Mexico

Date Spudded:	8/18/85
Date Completed:	9/16/85
Date of First Delivery:	11/85
Date of Commerciality Submittal:	2/12/90

Well Cost Data

Total Well Costs: $ 70,000

Production Taxes

	Oil % of Revenue
	$.163/MCF (thru 7/1/90) 3.75% thereafter
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 2.31%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

Years	Gas Price ($/MCF)
1985-1989	2.30

*Based on spot gas sales for the actual months of production adjusted for a heating value of 1100 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas (MMCF)	Oil (MBO)	Operating Expense (M$)
1985	9.3	0	.42 (act.)
1986	15.7	0	2.5 (act.)
1987	26.0	0	2.5 (act.)
1988	5.5	0	2.5 (act.)
1989	9.4	0	2.5 (act.)

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses, and product prices were not escalated.

*The well can be produced to an economic limit of approximately 15 MCFPD under the current economic and operating conditions.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOF (MCFD)
1/6/85	331	150	-	177

Meridian Oil, Inc.
Commerciality Determination

Well Name: Salazar #13
Formation: Pictured Cliffs (Blanco P.C. South)
Location: T25N - R6W, 27F
Rio Arriba County, New Mexico

Date Spudded:	10/10/85
Date Completed:	11/1/85
Date of First Delivery:	5/85
Date of Commerciality Submittal:	2/12/90

Well Cost Data

Total Well Costs: $ 50,000

Production Taxes

	Oil % of Revenue
	$.163/MCF (thru 7/1/90) 3.75% thereafter
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 2.31%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

Years	Gas Price ($/MCF)
1985-1989	2.30

*Based on spot gas sales for the actual months of production adjusted for a heating value of 1100 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas (MMCF)	Oil (MBO)	Operating Expense (M$)
1986	21.6	0	1.1 (act.)
1987	35.1	0	2.2 (act.)
1988	16.0	0	2.2 (act.)
1989	8.2	0	2.2 (act.)

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses, and product prices were not escalated.

*The well can be produced to an economic limit of approximately 15 MCFPD under the current economic and operating conditions.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOF (MCFD)
7/14/86	429	111	-	218

Meridian Oil, Inc.
Commerciality Determination

Well Name: Canyon Largo Unit #61
Formation: Pictured Cliffs (Blanco P.C. South)
Location: T25N - R6W, 7K
Rio Arriba County, New Mexico

Date Spudded:	10/02/85
Date Completed:	10/30/85
Date of First Delivery:	12/85
Date of Commerciality Submittal:	2/12/90

Well Cost Data

Total Well Costs: $120,000

Production Taxes

	Oil % of Revenue
	$.163/MCF (thru 7/1/90) 3.75% thereafter
Severance Tax	(N.M.) 3.75%
School Tax	(N.M.) 3.15%
Ad Valorem	(N.M.) 2.31%
Conservation Tax	(N.M.) 0.19%

Average Product Pricing

Years	Gas Price ($/MCF)
1985-1989	2.30

*Based on spot gas sales for the actual months of production adjusted for a heating value of 1100 MMBTU/MCF.

Estimated Gross Annual Production and Operating Expenses

Years	Gas (MMCF)	Oil (MBO)	Operating Expense (M$)
1985	3.0	0	.305 (act.)
1986	18.1	0	3.660 (act.)
1987	18.7	0	3.660 (act.)
1988	11.9	0	3.660 (act.)
1989	12.6	0	3.665 (act.)

*Annual Production and Operating Expenses are adjusted for anticipated market constraints. Operating Expenses, and product prices were not escalated.

*The well can be produced to an economic limit of approximately 15 MCFPD under the current economic and operating conditions.

Test Data

Date	WHSIP (PSIG)	WHFTP (PSIG)	WHFCP (PSIG)	AOF (MCFD)
2/3/86	591	121	-	124

EL PASO NATURAL GAS
SCHEDULE XLIV
THE 043 EXPANDED PARTICIPATING AREA FOR PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078598	24N 6W	480.00	TRACT: 009			1.328442
	SEC. 22 W/2, SE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	38.750000	38.750000	
			MERRION FOUNDATION	43.750000	43.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
ORRI OF 5% BORNE SOLELY BY EPNG

SF-078628	24N 6W	160.00	TRACT: 011			0.442814
	SEC. 15 N/2 NE/4, S/2 SE/4		ORRI:	9.593750	9.593750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	53.843750	53.843750	
			J. B. DAVIS	6.015625	6.015625	
			THELMA J. FAMARISS	12.031250	12.031250	
			FT. WORTH NAT'L. BANK OIL AC	1.503906	1.503906	
			ANA GARDNER OSBORN	4.511719	4.511719	
			TOTAL	100.000000	100.000000	

REMARKS:
ORRI OF 9.59375% BORNE SOLELY BY EPNG

SF-078628A	24N 6W	320.00	TRACT: 012			0.885628
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING, INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078874	24N 6W	2,559.04		TRACT: 016			7.082367
	SEC. 3 LOTS 5-12, S/2		ORRI:		8.750000	8.750000	
	SEC. 4 LOTS 5-12, S/2		ROYALTY:		12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:				
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078875	25N 6W	2,561.68		TRACT: 017			7.089674
	SEC. 29 ALL		ORRI:		8.750000	8.750000	
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:		12.500000	12.500000	
	SEC. 31 LOTS 1-4, E/2 W/2, E/2 (ALL)		WORKING INTEREST:				
	SEC. 33 ALL		EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078876	25N 7W	1,600.00		TRACT: 018			4.428141
	SEC. 29 ALL		ORRI:		8.750000	8.750000	
	SEC. 30 E/2		ROYALTY:		12.500000	12.500000	
	SEC. 33 ALL		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078877	24N 6W	640.00		TRACT: 019			1.771256
	SEC. 12 N/2, SW/4, N/2 SE/4		ORRI:		8.750000	8.750000	
	SEC. 13 W/2 NE/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078877	24N 6W	1,600.00		TRACT: 019A			4.428140
	SEC. 8 ALL		ORRI:		8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 11 E/2		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078878	25N 7W	2,520.00		TRACT: 020			6.974321
	SEC. 25 ALL		ORRI:		8.750000	8.750000	
	SEC. 26 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 27 N/2, SE/4, N/2 SW/4, SW/4 SW/4		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
	SEC. 28 ALL						
			TOTAL		100.000000	100.000000	
SF-078879	25N 7W	1,600.00		TRACT: 021			4.428140
	SEC. 21 W/2		ORRI:		8.750000	8.750000	
	SEC. 23 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 24 ALL		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078880	25N 7W	1,280.00		TRACT: 022			3.542512
	SEC. 13 ALL		ORRI:		8.750000	8.750000	
	SEC. 14 ALL		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078881	25N 7W	800.80		TRACT: 023			2.216285
	SEC. 3 LOTS 1, 2, S/2 NE/4, S/2		ORRI:		8.750000	8.750000	
	SEC. 11 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078881A	25N 7W	160.80		TRACT: 023A			0.445028
	SEC. 3 LOTS 3, 4, S/2 NW/4		ORRI:		8.750000	8.750000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078882	25N 6W	1,921.72	TRACT: 024			5.318528
	SEC. 18 LOTS 1-4, E/2 W/2, E/2 (ALL)		ORRI:	8.750000	8.750000	
	SEC. 19 LOTS 1-4, E/2 W/2, E/2 (ALL)		ROYALTY:	12.500000	12.500000	
	SEC. 20 ALL		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883	25N 6W	804.02	TRACT: 025			2.225196
	SEC. 4 LOT 1		ORRI:	8.750000	8.750000	
	SEC. 5 LOTS 2-4, S/2 N/2, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 7 E/2		WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078883A	25N 6W	160.00	TRACT: 025A			0.442814
	SEC. 5 SE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
SF-078884	25N 6W	2,320.00	TRACT: 026			6.420803
	SEC. 22 N/2 NE/4		ORRI:	8.750000	8.750000	
	SEC. 12 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 13 ALL		WORKING INTEREST:			
	SEC. 14 ALL		EL PASO PRODUCTION CO.	78.750000	78.750000	
	SEC. 15 E/2					
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078885	25N 6W	2,403.32		TRACT: 027			6.651399
	SEC. 1 LOTS 1-4, S/2 N/2, S/2 (ALL)		ORRI:		8.750000	8.750000	
	SEC. 3 LOTS 1-4, S/2 N/2, S/2 (ALL)		ROYALTY:		12.500000	12.500000	
	SEC. 10 S/2, NW/4		WORKING INTEREST:				
	SEC. 11 ALL		EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078885A	25N 6W	160.00		TRACT: 027A			0.442814
	SEC. 10 NE/4		ORRI:		8.750000	8.750000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078886	24N 6W	1,920.00		TRACT: 028			5.313769
	SEC. 17 ALL		ORRI:		8.750000	8.750000	
	SEC. 20 ALL		ROYALTY:		12.500000	12.500000	
	SEC. 21 ALL		WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078922	24N 7W	1,000.58		TRACT: 029			2.769193
	SEC. 3 LOTS 1-12, S/2 (ALL)		ORRI:		8.750000	8.750000	
	SEC. 4 LOTS 1,2,7,8,9 , SE/4 (E/2)		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078922	24N 7W	295.60		TRACT: 029A			0.818098
	SEC. 1 LOTS 3-6,11,12 , N/2 SW/4,SW/4SW/4		ORRI:		8.750000	8.750000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	75.465362

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078923	24N 7W	320.00		TRACT: 030			0.885629
	SEC. 10 E/2		ORRI:		8.750000	8.750000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078925	24N 6W	960.00		TRACT: 031			2.656884
	SEC. 26 ALL		ORRI:		8.750000	8.750000	
	SEC. 27 E/2		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078957	24N 6W	149.15		TRACT: 032			0.412785
	SEC. 3 LOTS 1-4		ORRI:		8.750000	8.750000	
	SEC. 4 LOTS 1-4		ROYALTY:		12.500000	12.500000	
	SEC. 5 LOTS 1-4		WORKING INTEREST:				
	SEC. 6 LOTS 1-4		EL PASO PRODUCTION CO.		78.750000	78.750000	
			TOTAL		100.000000	100.000000	
SF-078987	25N 7W	1,280.00		TRACT: 035			3.542513
	SEC. 34 ALL		ORRI:				
	SEC. 35 ALL		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			TEXACO PRODUCING, INC.		87.500000	87.500000	
			TOTAL		100.000000	100.000000	
SF-079071B	25N 6W	160.00		TRACT: 036			0.442814
	SEC. 28 NW/4		ORRI:		10.937500	10.937500	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			PWG PARTNERSHIP		25.520830	25.520830	
			MINEL, INC.		51.041670	51.041670	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079071A	25N 6W	160.00		TRACT: 037A			0.442814
	SEC. 28 SW/4		ORRI:		18.500000	18.500000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		69.000000	69.000000	
			TOTAL		100.000000	100.000000	
	24N 6W	560.00		TRACT: 038			0.000000
	SEC. 10 S/2, N/2 N/2		ORRI:				
	SEC. 35 S/2 NE/4		ROYALTY:				
			WORKING INTEREST:				
			UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
	24N 6W	40.00		TRACT: 038A			0.000000
	SEC. 13 NW/4 NW/4		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
SF-079177	25N 6W	800.69		TRACT: 041			2.215979
	SEC. 4 LOT 2		ORRI:		17.500000	17.500000	
	SEC. 9 SW/4, S/2 NW/4		ROYALTY:		12.500000	12.500000	
	, NW/4 NW/4		WORKING INTEREST:				
	SEC. 23 N/2 NE/4, S/2		EL PASO PRODUCTION CO.		70.000000	70.000000	
	SE/4						
	SEC. 24 E/2						
			TOTAL		100.000000	100.000000	
NM-019400	25N 6W	160.62		TRACT: 041A			0.444530
	SEC. 4 LOT 4, SW/4 NW		ORRI:				
	/4, W/2 SW/4		ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			AMOCO PRODUCTION CO.		87.500000	87.500000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079177	25N 6W	400.00	TRACT: 041B			1.107035
	SEC. 9 E/2 NE/4,N/2 SE/4,SW/4SE/4		ORRI:	15.000000	15.000000	
	SEC. 24 E/2 W/2, SW/4 SW/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
USA SF 079177	25N 6W	40.00	TRACT: 041C			0.110704
	SEC. 9 SW/4 NE/4		ORRI:	15.000000	15.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			R. L. BAYLESS	36.250000	36.250000	
			MERRION OIL & GAS CORP.	36.250000	36.250000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	40.00	TRACT: 043			0.110703
	SEC. 1 SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	25N 6W	80.00	TRACT: 044			0.000000
	SEC. 22 S/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
SF-080594	24N 6W	365.40	TRACT: 046			1.011277
	SEC. 1 LOTS 1-12(N/2)		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	43.750000	43.750000	
			BOLACK MINERALS CO.	43.750000	43.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	24N 6W	320.00		TRACT: 046A			0.000000
	SEC. 1 S/2		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
	24N 6W	120.00		TRACT: 046B			0.000000
	SEC. 13 S/2 NW/4, NE/4 NW/4		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
SF-080594	24N 6W	160.00		TRACT: 046C			0.442814
	SEC. 13 SW/4		ORRI:				
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		43.750000	43.750000	
			BOLACK MINERALS CO.		43.750000	43.750000	
			TOTAL		100.000000	100.000000	
USA SF 080594	24N 6W	160.00		TRACT: 046D			0.442814
	SEC. 13 SE/4		ORRI:				
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		43.750000	43.750000	
			BOLACK MINERALS CO.		43.750000	43.750000	
			TOTAL		100.000000	100.000000	
SF-081325	24N 6W	160.00		TRACT: 047			0.442814
	SEC. 35 SE/4		ORRI:				
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			EL PASO PRODUCTION CO.		43.750000	43.750000	
			BOLACK MINERALS CO.		43.750000	43.750000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-37	25N 6W	560.51	TRACT: 055			1.551261
	SEC. 2 LOT 4, SW/4, SW/4 NW/4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
	SEC. 32 E/2		EL PASO PRODUCTION CO.	43.750000	43.750000	
			THE WISER OIL CO	43.750000	43.750000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056			0.442814
	SEC. 2 SE/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
E-291-5	25N 6W	160.00	TRACT: 056A			0.442814
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
	25N 6W	240.00	TRACT: 057			0.000000
	SEC. 23 SW/4 NE/4, NW/4 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
	SEC. 32 SW/4		UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E-291-35	25N 6W	160.85	TRACT: 058			0.445166
	SEC. 2 LOTS 1,2, S/2 NE/4		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	13.750000	13.750000	
			UNION OIL OF CALIFORNIA	68.750000	68.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-35	25N 6W	80.48	TRACT: 059			0.222736
	SEC. 2 LOT 3, SE/4 NW /4		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	14.583334	14.583334	
			UNION OIL OF CALIFORNIA	72.916666	72.916666	
			TOTAL	100.000000	100.000000	
E-505-5	25N 7W	120.00	TRACT: 060			0.332110
	SEC. 36 N/2 NW/4, SE/4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TENNECO OIL COMPANY	42.750000	42.750000	
			CONOCO INC	42.750000	42.750000	
			TOTAL	100.000000	100.000000	
E-809-12	25N 7W	520.00	TRACT: 061			1.439146
	SEC. 36 S/2, NE/4, SW/ 4 NW/4		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			FINA OIL & CHEMICAL COMPANY	85.500000	85.500000	
			TOTAL	100.000000	100.000000	
E-809-15	24N 7W	640.00	TRACT: 061A			1.771256
	SEC. 2 LOTS 5 THRU 12 , S/2		ORRI:	2.000000	2.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			DUGAN PRODUCTION CORPORATION	85.500000	85.500000	
			TOTAL	100.000000	100.000000	
	24N 6W	80.00	TRACT: 062			0.000000
	SEC. 35 N/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			UNKNOWN	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-56-15	24N 7W	26.64		TRACT: 065			0.073728
	SEC. 2 LOTS 1, 2, 3, 4		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
			DUGAN PRODUCTION CORPORATION		82.500000	82.500000	
			TOTAL		100.000000	100.000000	
ROBERT TRUBY	25N 6W	320.65		TRACT: 069			0.887427
	SEC. 4 LOT 3,SE NW,S/2 NE,E/2 SE, SW SE		ORRI:		5.000000	5.000000	
			ROYALTY:		12.500000	12.500000	
			WORKING INTEREST:				
	SEC. 9 NW/4 NE/4		TEXACO PRODUCING, INC.		82.500000	82.500000	
			TOTAL		100.000000	100.000000	
	25N 6W	160.00		TRACT: 070			0.000000
	SEC. 4 NW/4 SE/4, E/2 SW/4		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
	SEC. 9 NE/4 NW/4		UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
	25N 6W	40.70		TRACT: 071			0.000000
	SEC. 5 LOT 1		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
			UNKNOWN		100.000000	100.000000	
			TOTAL		100.000000	100.000000	
MERRION & BAYL	25N 6W	160.00		TRACT: 074			0.442814
	SEC. 23 SE/4 NE/4, NE/4 SE/4		ORRI:				
			ROYALTY:				
			WORKING INTEREST:				
	SEC. 24 SW/4 NW/4, NW/4 SW/4		IRIS BALBACH		12.500000	12.500000	
			LORNA A. HARVEY		12.500000	12.500000	
			MERRION OIL & GAS CORP.		75.000000	75.000000	
			TOTAL		100.000000	100.000000	

EFFECTIVE 85/02/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
NO LEASE	24N 6W	160.00	TRACT: 078			0.442814
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
BROGAN & ELKIN	24N 6W	80.00	TRACT: 079			0.221407
	SEC. 12 S/2 SE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
FEE-NO LEASE	24N 6W	80.00	TRACT: 079A			0.221407
	SEC. 13 E/2 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	
E.W. MERRION,	24N 6W	160.00	TRACT: 080			0.442814
	SEC. 15 S/2 NE/4, N/2 SE/4		ORRI:	20.968750	20.968750	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			EL PASO PRODUCTION CO.	66.531250	66.531250	
			TOTAL	100.000000	100.000000	
FEE-NO LEASE	24N 6W	160.00	TRACT: 081			0.442815
	SEC. 22 NE/4		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			IRIS BALBACH	12.500000	12.500000	
			LORNA A. HARVEY	12.500000	12.500000	
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/02/01

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : LOTS 1-12(N/2)
SECTION 10 : S/2 N/2
SECTION 11 : E/2
SECTION 12 : N/2, SW/4, N/2 SE/4
SECTION 12 : S/2 SE/4
SECTION 13 : E/2 NE/4
SECTION 13 : W/2 NE/4
SECTION 13 : SE/4
SECTION 13 : SW/4
SECTION 15 : N/2 NE/4, S/2 SE/4
SECTION 15 : W/2
SECTION 15 : S/2 NE/4, N/2 SE/4
SECTION 17 : ALL
SECTION 20 : ALL
SECTION 21 : ALL
SECTION 22 : NE/4
SECTION 22 : W/2, SE/4
SECTION 26 : ALL
SECTION 27 : E/2
SECTION 3 : LOTS 1-4
SECTION 3 : LOTS 5-12, S/2
SECTION 35 : SE/4
SECTION 4 : LOTS 1-4
SECTION 4 : LOTS 5-12, S/2
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : SE/4 SW/4
SECTION 1 : LOTS 3-6,11,12, N/2 SW/4,SW/4SW/4
SECTION 10 : E/2
SECTION 2 : LOTS 5 THRU 12, S/2
SECTION 2 : LOTS 1, 2, 3, 4
SECTION 3 : LOTS 1-12, S/2 (ALL)
SECTION 4 : LOTS 1,2,7,8,9, SE/4 (E/2)
TOWNSHIP 25N , RANGE 6W
SECTION 1 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 10 : S/2, NW/4
SECTION 10 : NE/4
SECTION 11 : ALL
SECTION 12 : ALL
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 15 : E/2
SECTION 18 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 19 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 2 : LOT 3, SE/4 NW/4

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 1 : S/2
SECTION 10 : S/2, N/2 N/2
SECTION 13 : NW/4 NW/4
SECTION 13 : S/2 NW/4, NE/4 NW/4
SECTION 35 : N/2 NE/4
SECTION 35 : S/2 NE/4
TOWNSHIP 25N , RANGE 6W
SECTION 22 : S/2 NE/4
SECTION 23 : SW/4 NE/4, NW/4 SE/4
SECTION 32 : SW/4
SECTION 4 : NW/4 SE/4, E/2 SW/4
SECTION 5 : LOT 1
SECTION 9 : NE/4 NW/4

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 2 : LOTS 1,2, S/2 NE/4
SECTION 2 : LOT 4, SW/4, SW/4 NW/4
SECTION 2 : SE/4
SECTION 20 : ALL
SECTION 22 : N/2 NE/4
SECTION 23 : N/2 NE/4, S/2 SE/4
SECTION 23 : SE/4 NE/4, NE/4 SE/4
SECTION 24 : SW/4 NW/4, NW/4 SW/4
SECTION 24 : E/2
SECTION 24 : E/2 W/2, SW/4 SW/4
SECTION 28 : NW/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 3 : LOTS 1-4, S/2 N/2, S/2 (ALL)
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 32 : E/2
SECTION 32 : NW/4
SECTION 33 : ALL
SECTION 4 : LOT 1
SECTION 4 : LOT 3,SE NW,S/2 NE,E/2 SE, SW SE
SECTION 4 : LOT 4, SW/4 NW/4, W/2 SW/4
SECTION 4 : LOT 2
SECTION 5 : SE/4
SECTION 5 : LOTS 2-4, S/2 N/2, SW/4
SECTION 7 : E/2
SECTION 9 : SW/4, S/2 NW/4, NW/4 NW/4
SECTION 9 : SW/4 NE/4
SECTION 9 : E/2 NE/4,N/2 SE/4,SW/4SE/4
SECTION 9 : NW/4 NE/4
TOWNSHIP 25N , RANGE 7W
SECTION 11 : E/2
SECTION 13 : ALL
SECTION 14 : ALL
SECTION 21 : W/2
SECTION 23 : ALL
SECTION 24 : ALL
SECTION 25 : ALL
SECTION 26 : ALL
SECTION 27 : N/2, SE/4, N/2 SW/4, SW/4 SW/4
SECTION 28 : ALL
SECTION 29 : ALL
SECTION 3 : LOTS 3, 4, S/2 NW/4
SECTION 3 : LOTS 1, 2, S/2 NE/4, S/2
SECTION 30 : E/2
SECTION 33 : ALL
SECTION 34 : ALL
SECTION 35 : ALL
SECTION 36 : S/2, NE/4, SW/4 NW/4
SECTION 36 : N/2 NW/4, SE/4 NW/4
TOTAL COMMITTED: 36,132.55

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOTAL ACRES NON-COMMITTED: 1,640.70

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 37,773.25

El Paso
Natural Gas Company

#541

P.O. BOX 4289
FARMINGTON, NEW MEXICO

February 28, 1989

Bureau of Land Management
South Central Region
435 Montano, N.E.
Albuquerque, NM 87107

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87501

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87501

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1989 Drilling Program

Gentlemen:

By letter dated February 18, 1988, El Paso Natural Gas Company, as Unit Operator, for the Canyon Largo Unit, filed a Drilling Program concerning the captioned Unit for the calendar year 1988 providing for the drilling of no wells. By letter dated May 12, 1988, two (2) proposed recompletions wells were submitted as the First Amendment to the 1988 Drilling Program. These recompletions, however, were not performed.

As of this date, the total number of completions within the Canyon Largo Unit is as follows:

Pictured Cliffs, Commercial	161
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	16
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra Dual, Commercial	5
Pictured Cliffs/Chacra Dual, Chacra Non-Commercial	1
Pictured Cliffs/Chacra Dual, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde Dual, Mesaverde Non-Commercial	1
Mesaverde, Plugged back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota Non-Commercial	1
Gallup/Dakota Dual, Gallup Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non-Commercial	4
	326

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company, as Unit Operator, hereby submits a Drilling Program providing for the drilling of no wells in 1989.

All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary to desirable by the Unit Operator and working interest owners.

Attached are Participating Area Maps for the Pictured Cliffs, Chacra, Gallup, and Dakota formations. The geologic interpretation for each formation has not changed since the last map submitted. Performance curves for each Participating Area have also previously been furnished.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly

Alan Alexander RJH

Alan Alexander
Attorney-in-Fact

AA:RJH:tlm
Enclosures
Canyon Largo Unit, 3.0
Doc. 180+

cc: Mr. Antonio Martinez, Executive Director
New Mexico Oil & Gas Accounting Division
P.O. Box 2308
Santa Fe, NM 87501

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: Ray E. Johnson DATED: 3-7-89

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1989 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene D. Davis
Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

FMP Operating Company

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

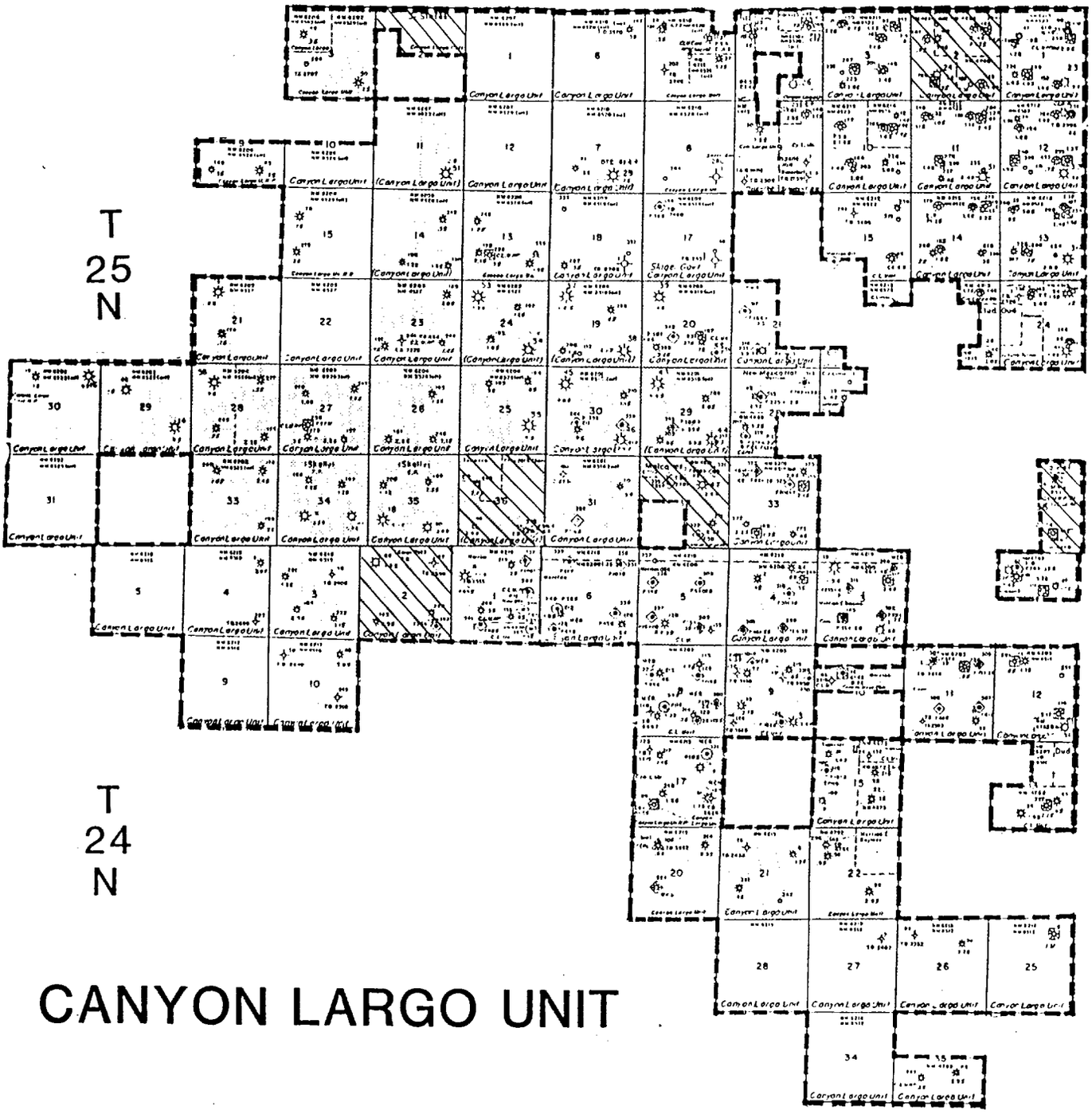
Mr. William G. Webb

The Wiser Oil Company

R7W R6W

T 25 N

T 24 N



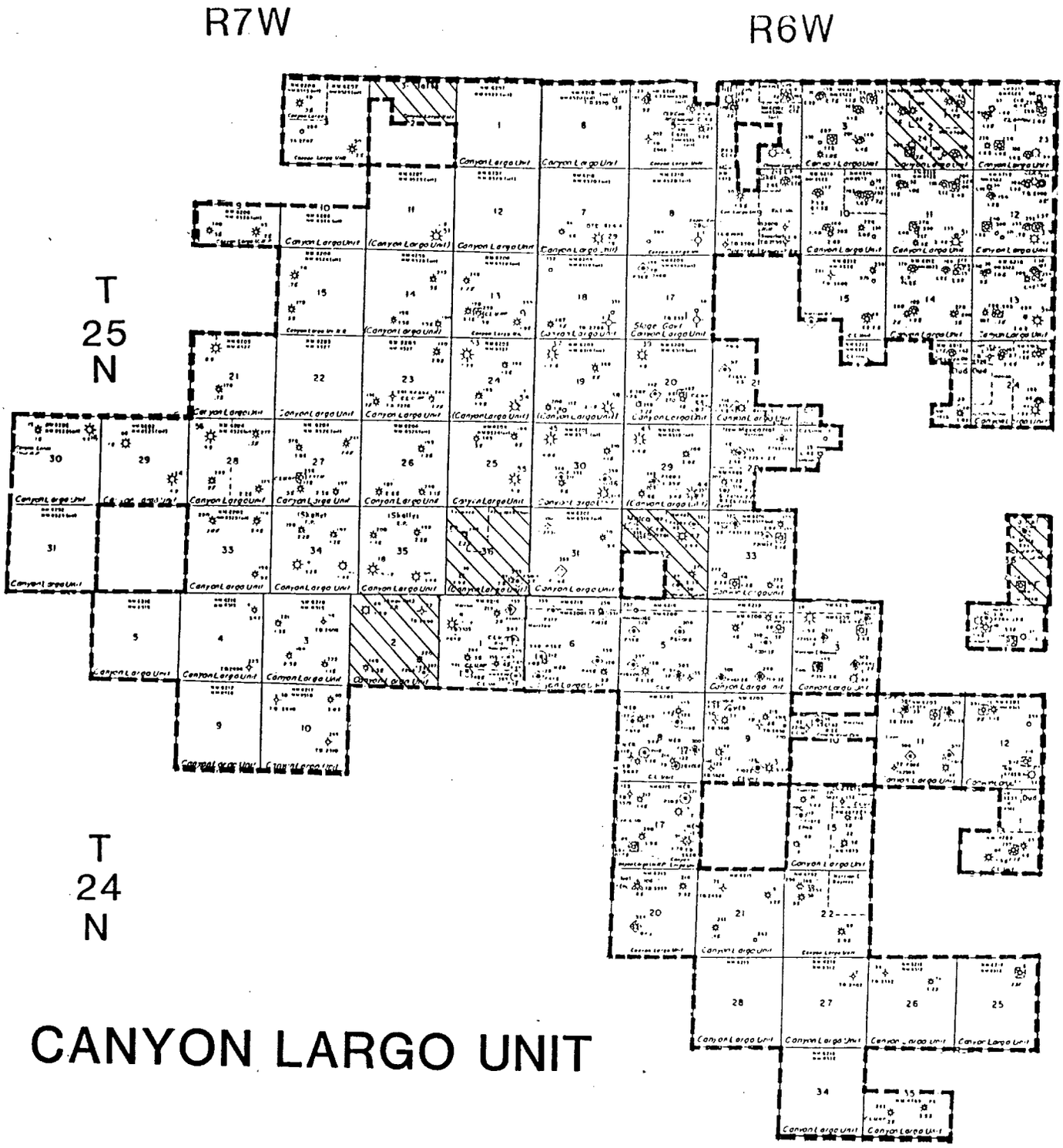
CANYON LARGO UNIT

- Pictured Cliffs
- Chacra
- Mesaverde
- Gallup
- Dakota

PICTURED CLIFFS PARTICIPATING AREA
42nd Expansion Effective 8/1/84

OIL & GAS OWNED BY
STATE OF NEW MEXICO

MERIDIAN OIL
LAND DEPARTMENT
February 28,1989



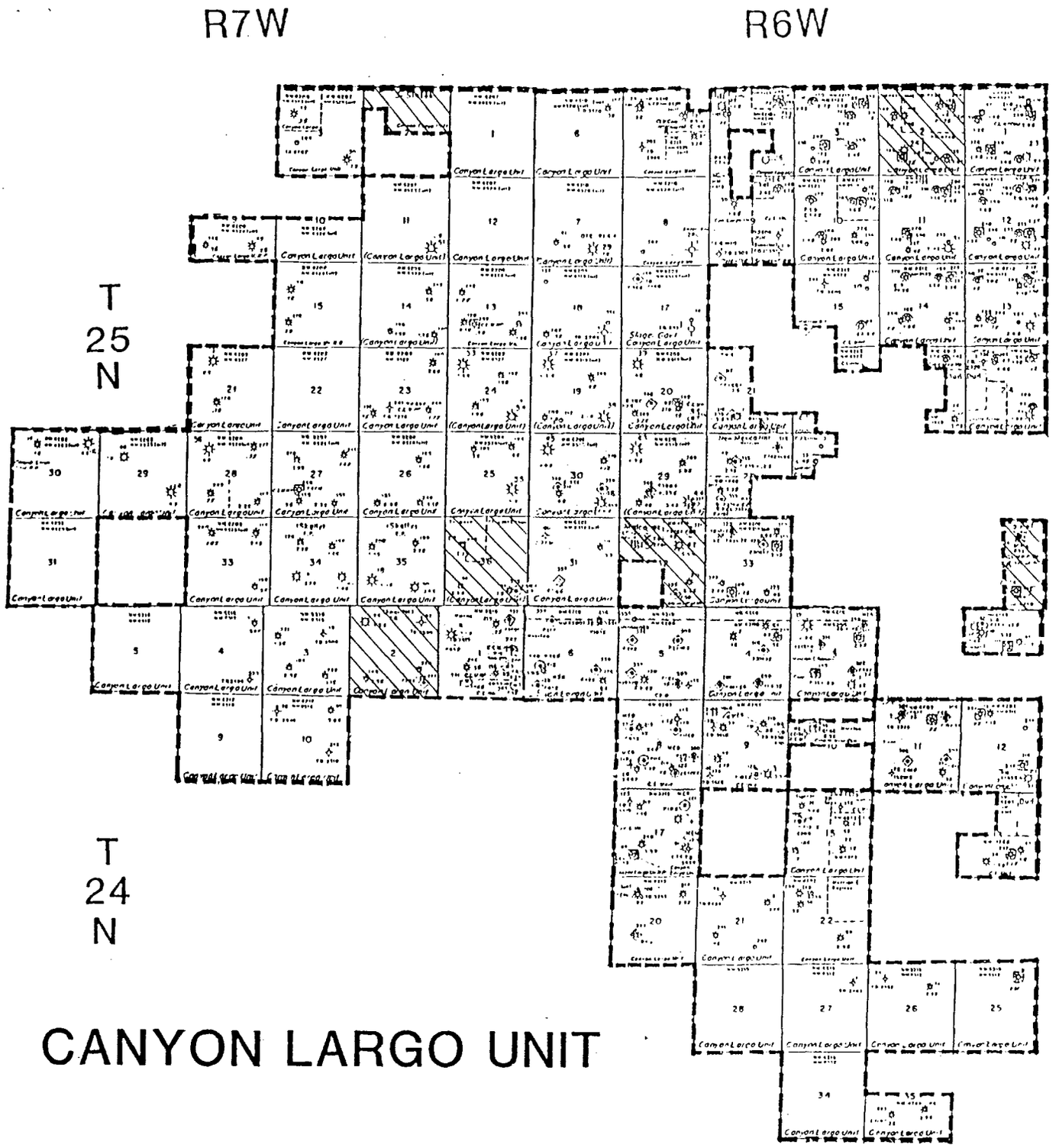
CANYON LARGO UNIT

- Pictured Cliffs
- Chacra
- Mesaverde
- Gallup
- Dakota

CHACRA PARTICIPATING AREA
11th Expansion Effective 6/1/70

OIL & GAS OWNED BY
STATE OF NEW MEXICO

MERIDIAN OIL
LAND DEPARTMENT
February 28,1989



CANYON LARGO UNIT

Pictured Cliffs

Chacra

Mesaverde

Gallup

Dakota

GALLUP PARTICIPATING AREA
23rd Expansion Effective 8/1/84

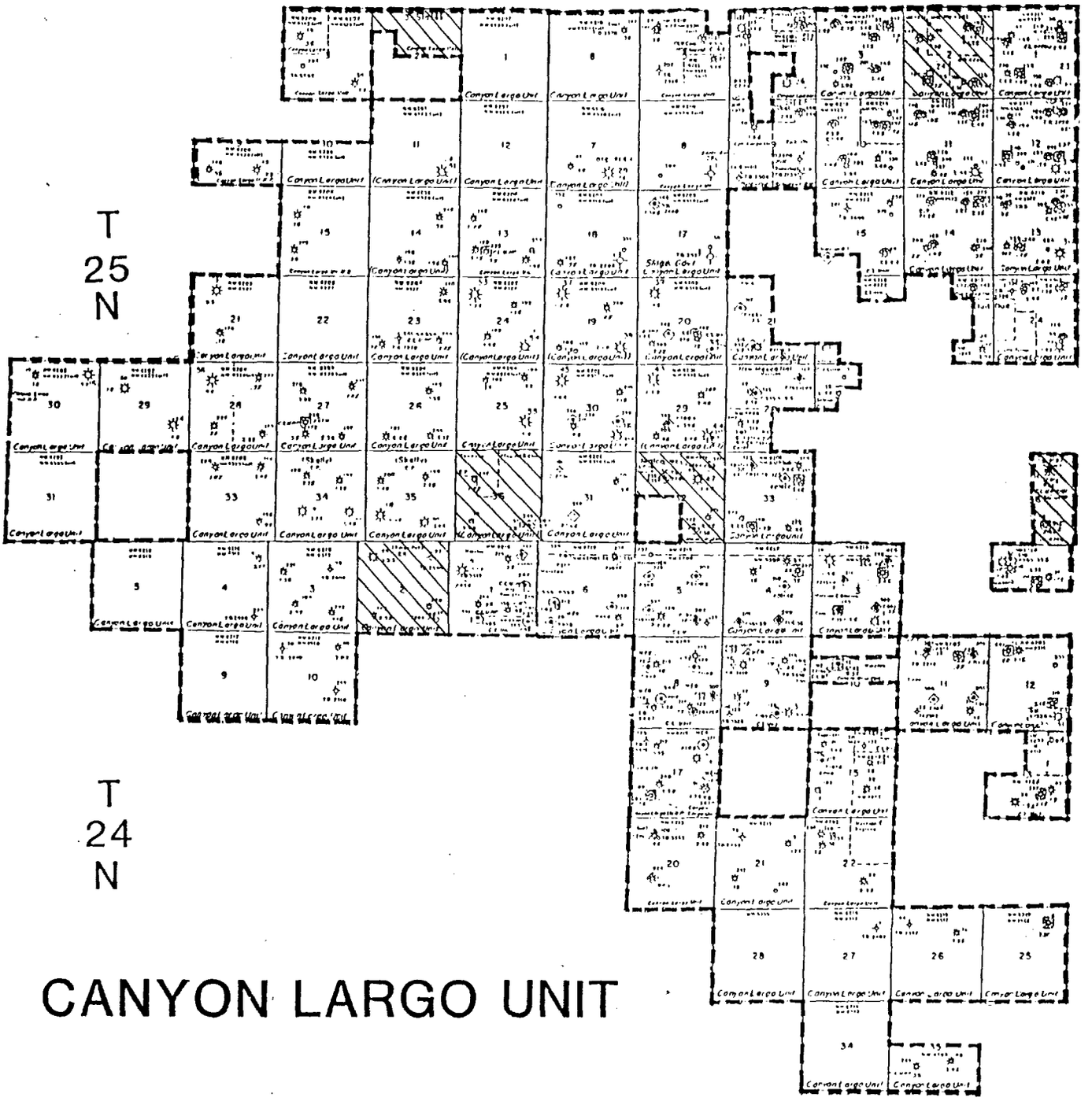
OIL & GAS OWNED BY
STATE OF NEW MEXICO

MERIDIAN OIL
LAND DEPARTMENT
February 28,1989

R7W R6W

T 25 N

T 24 N



CANYON LARGO UNIT

Pictured Cliffs

Chacra

Mesaverde

Gallup

Dakota

DAKOTA PARTICIPATING AREA
17th Expansion Effective 12/1/83

OIL & GAS OWNED BY
STATE OF NEW MEXICO

MERIDIAN OIL
LAND DEPARTMENT
February 28,1989

State of New Mexico

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

April 5, 1989

El Paso Natural Gas Company
P.O. Box 4289
Farmington, New Mexico 87499

ATTN: Alan Alexander

RE: 1989 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned 1989 Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files. If we may be of further help, please do not hesitate to contact us.

Very truly yours,

W.R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5749

MERIDIAN OIL

June 14, 1988

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

[redacted] Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

JUN 15 1988
OIL CONSERVATION DIVISION
SANTA FE

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
First Amendment
To 1988 Drilling Program

Gentlemen:

The First Amendment to the 1988 Drilling Program for the Canyon Largo Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	6-10-88
Commissioner of Public Lands	6-07-88
Oil Conservation Division	5-27-88

Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,

Van L. Goebel
Senior Landman

VLG:gm

Canyon Largo Unit, 3.0
Document 30+

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene D. Davis
Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

FPCO Oil & Gas Company
(formerly Petro Lewis Corporation)

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

JUN 10 1988

Canyon Largo (POD)
3180 (015)

El Paso Natural Gas Company
ATTN: James R. Permenter
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two approved copies of your amended 1988 Plan of Development for the Canyon Largo Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to recomplete the NP No. 15 and NP No. 263 wells in the Fruitland Formation was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Starting with the 1989 Plan of Development, please provide the following information in your annual Plan of Development.

1. A summary of operations for the past year which should include up-to-date maps showing the latest geologic interpretations, all wells and participating area boundaries. Should there be no changes from one year to another, reference may be made to the most recent map submitted.

2. A list showing the status of all wells.

3. Performance curves covering the productive life of each horizon under a participating area, including injectivity curves.

4. Your plans for development within the unit area for the next year.

5. Pertinent data as to the effectiveness of the enhanced recovery project (if applicable). This information should include data on current and cumulative water injection rates, current and cumulative water, gas, and oil production and current water-oil ratios. A short discussion as to the general progress of the flood and any significant changes in any phase of the project should also be included.

All plans of development are to be filed in triplicate.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 761-4503.

Sincerely,

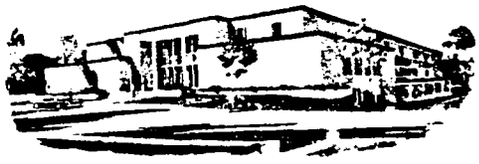
(Orig. Signed) - Sid Vogelsohl

Assistant District Manager
Mineral Resources

Enclosure

cc:
NM-019
NMOCD, Santa Fe w/o encl.
Comm. of Pub. Lands
015:RKent:jw:6/7/88:0132M

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

SLO REF NO OG-803
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

June 6, 1988

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 4289
Farmington, New Mexico 87499

Re: 1988 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

Our approval is subject to like approval by all other appropraiate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD
BLM

El Paso
Natural Gas Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE 505-325-2841

May 20, 1988

#541

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
First Amendment to the 1988
Drilling Program

Gentlemen:

The 1988 Drilling Program for the Canyon Largo Unit which was submitted to you by our letter of February 18, 1988 has been approved by all agencies.

Subsequent to the submittal of said letter of February 18, 1988 two (2) additional wells have been proposed to be recompleted in the Unit. The additional wells proposed to be recompleted are:

WELL NUMBER	DRILLING BLOCK	FORMATION
NP #15	W/2 Section 30, T25N, R7W	Fruitland
NP #263	S/2 Section 35, T24N, R6W	Fruitland

All necessary working interest owners have been contacted and these additions to the Drilling Program reflect their desires. If this amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned.

Copies of this letter are being sent to the working interest owners shown on the attached list.

Very truly yours,

James R. Permenter
Attorney-In-Fact

JRP:RJH:gm

Attachments

Canyon Largo Unit, 3.0

Document 81+

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: _____ DATED: 5-27-88

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals are for the First Amendment to the 1988 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene D. Davis
Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

FPCO Oil & Gas Company
(formerly Petro Lewis Corporation)

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

541

MERIDIAN OIL

May 6, 1988

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit,
#14-08-001-1059
Rio Arriba County, New Mexico
1988 Drilling Program

Gentlemen:

The 1988 Drilling Program for the Canyon Largo Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	4-28-88
Commissioner of Public Lands	3-24-88
Oil Conservation Division	2-26-88

Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,

Van L. Goebel
Senior Landman

VLG:gm
Canyon Largo Unit, 3.0
Doc. 75+

Meridian Oil Inc., 3535 East 30th St. P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-327-0251

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene D. Davis
Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

FPCO Oil & Gas Company
(formerly Petro Lewis Corporation)

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

#541

APR 29 1988

Canyon Largo Unit(POD)
3180 (015)

El Paso Natural Gas Company
ATTN: James R. Fermenter
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Three approved copies of your 1988 Plan of Development for the Canyon Largo Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of no new wells during the 1988 CY was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Starting with the 1989 Plan of Development, please provide the following information in your annual Plan of Development.

1. A summary of operations for the past year which should include up-to-date maps showing the latest geologic interpretations, all wells and participating area boundaries. Should there be no changes from one year to another, reference may be made to the most recent map submitted.

2. A list showing the status of all wells.

3. Performance curves covering the productive life of each horizon under a participating area, including injectivity curves.

4. Your plans for devleopment within the unit area for the next year.

5. Pertinent data as to the effectiveness of the enhanced recovery project (if applicable). This information should include data on current and cumulative water injection rates, current and cumulative water, gas, and oil production and current water-oil ratios. A short discussion as to the general progress of the flood and any significant changes in any phase of the project should also be included.

All plans of development are to be filed in triplicate.

ILLEGIBLE

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager
Mineral Resources

Enclosure

cc:NM-019
NMOCD, Santa Fe
Comm of Pub. Lands, Santa Fe
015:GKeller:ja:4/23/88:4108M

State of New Mexico

541

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

SLO REF NO OG-741

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

March 24, 1988

El Paso Natural Gas Company
Attn: Mr. James R. Permenter
P. O. Box 4289
Farmington, New Mexico 87499

Re: 1988 Plan of Development
Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

Our approval is subject to like approval by all other appropraiate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD
BLM

El Paso
Natural Gas Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE 505-325-2841

February 18, 1988

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1988 Drilling Program

Gentlemen:

By letter dated August 26, 1987, El Paso Natural Gas Company, as Unit Operator, of the referenced unit filed Drilling Programs for the calendar year 1987 which provided for the drilling of no wells.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs, Commercial	161
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	16
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra, Commercial	5
Pictured Cliffs/Chacra, Chacra Non-Commercial	1
Pictured Cliffs/Chacra, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde, Mesaverde Non-Commercial	1
Mesaverde, Plugged back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota, Non-Commercial	1
Gallup/Dakota Dual, Gallup, Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non Commercial	4
	326

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company as Unit Operator, submits a no well Drilling Program for the calendar year 1988.

All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company as Unit Operator; Merrion Oil & Gas Corporation, as Sub-Operator; and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to this office.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

James R. Permenter
Attorney-In-Fact

JRP:tlm
Enclosure
Canyon Largo Unit, 3.0
Doc. #0033L

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: Roy E. Johnson DATED: 2-26-88

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1988 Drilling Program for the
Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Dugan Production Corporation

Mr. Steven S. Dunn

FPCO Oil & Gas Company
(formerly Petro Lewis Corporation)

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Frances T. Golston Trust

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

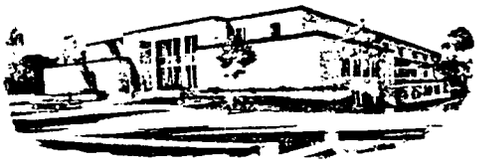
Union Oil Company of California

WG Partnership
Paulene D. Davis
Paulene Marcia Davis McAnally

Mr. William G. Webb

The Wiser Oil Company

State of New Mexico



SLO REF NO. OG-614

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

November 25, 1987

El Paso Natural Gas Company
ATTENTION: Mr. James R. Permenter
P. O. Box 4990
Farmington, New Mexico 87499

Re: Canyon Largo Ut. Gallup Formation
Application for approval of the
Revised 24th Effective January 1,
1985 & 25th Effective April 1,
1985 Expanded Participating Areas

Gentlemen:

This office is in receipt of your letter of September 14, 1987, wherein as operator of the Canyon Largo Unit, you have requested our approval of the Revised 24th Effective January 1, 1985 & 25th Effective April 1, 1985 Expanded Participating Area for the Gallup Formation, Rio Arriba County, New Mexico.

The Commissioner of Public Lands has this date approved your application. The Revised 24th Expansion adds 280.00 acres described as the W/2NW/4, SE/4NW/4,SW/4 of Section 20, Township 24 North, Range 6 West. This expansion is predicated upon the successful completion of the Unit Well 324 and is Effective January 1, 1985. The 25th Expansion adds 320.00 acres described as the E/2 of Section 36, Township 25 North, Range 7 West, NMPM. This expansion is predicated upon the successful completion of the Unit Well No 345 and is Effective April 1, 1985.

Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Also, please be advised that this office concurs with your determination that the Unit Well No. 144 is not non-commercial.

Very truly yours,

WILLIAM R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: [illegible]
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD-Santa Fe, New Mexico
GULRAM
TRD-Oil and Gas Processing

NOV 0 9 1987

Canyon Largo Unit
3160 (015)

El Paso Natural Gas Company
ATTN: James R. Fermenter
P.O. Box 4990
Farmington, NM 87499

Gentlemen:

We have received your letter of September 14, 1987. You requested the approval of the 24th and 25th expanded Participating Area Gallup Formation, Canyon Largo Unit, Rio Arriba County, New Mexico; and notice of completion of one non-commerical well in the Gallup Formation. The application for approval of the 24th revision seeks to add 280 acres described as the W/2, SE/4NW/4, SW/4 Section 20, T. 24 N., R. 6 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo Unit Well No. 324. The 24th revision is approved on this date and is effective January 1, 1985.

The application for approval of the 25th revision seeks to add 80 acres described as the E/2 Section 30, T. 25 N., R. 7 W., NMPM, Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo Unit Well No. 345. The 25th revision is approved on this date and is effective April 1, 1985.

El Paso, as unit operator, has determined that the Canyon Largo Unit Well No 144 (NW/4NW/4 Section 17, T. 25 N., R. 7 W.) is not capable of producing unitized substances in paying quantities from the Gallup formation. This notice of completion of a non-commerical well is hereby accepted for the record.

If you have any questions regarding the above action, please contact Carl Keller at the above address or telephone (505) 761-4503.

Sincerely yours,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager
Mineral Resources

Enclosure

cc:
016 with enclosure
Comm. Public Lands w/o encl.
NMOCD w/o encl.
015:CKeller:js:11/04/87:3625M

ILLEGIBLE

MERIDIAN OIL

October 28, 1987

Bureau of Land Management
South Central Region
435 Montano N. E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit,
#14-08-001-1059
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

The 1987 Drilling Program for the Canyon Largo Unit was approved by the regulatory bodies on the dates indicated below:

Bureau of Land Management	10-20-87
Commissioner of Public Lands	8-14-87
Oil Conservation Division	9-30-87

Copies of this letter are being sent to the working interest owners of the above unit.

Yours very truly,

Van L. Goebel
Landman

VLG:gm
Canyon Largo Unit, 3.0
Doc. #0325L

Meridian Oil Inc. 3535 East 30th St. P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene D. Davis
Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Ms. Frances T. Golston Trust

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

FPCO Oil & Gas Co. (Petro Lewis)

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

OCT 20 1987

Canyon Largo (FOD)
3180 (015)

El Paso Natural Gas Company
ATTN: James R. Fermenter
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1987 Plan of Development for the Canyon Largo Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing no development drilling during 1987 and the cancellation of 22 Pictured Cliffs, 11 Dakota, 12 Chacra, 4 Mesaverde, and 10 Gallup wells from the 1986 drilling program was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Robert Kent at the above address or telephone (505) 761-4503.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager
Mineral Resources

Enclosure
cc:
NMOCD, Santa Fe w/o encl.
Comm. of Pub. Lands, Santa Fe w/o encl.
NM-016
015:RKent:rvh:10/16/87:3568M

ILLEGIBLE

El Paso
Natural Gas Company

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

September 14, 1987

Bureau of Land Management
South Central Region
P.O. Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
REVISED TWENTY-FOURTH
Effective January 1, 1985
and REVISED TWENTY-FIFTH
Effective April 1, 1985
Expanded Participating Area
Gallup Formation

NOTICE OF COMPLETION OF
NON-COMMERCIAL WELLS
Gallup Formation

Gentlemen:

As per your request, we are resubmitting the Twenty-Fourth and Twenty-Fifth Gallup Participating Area expansions for the Canyon Largo Unit.

TWENTY-FOURTH EXPANDED PARTICIPATING AREA -- EFFECTIVE JANUARY 1, 1985

Drilling Block	Net Acres	Well No.
*W/2 NW/4, SE/4 NW/4, SW/4 Section 20, 24N-6W	280.00	#324 (gas well)

*The NE/4 NW/4 is being excluded since unit well #106 was completed as a non-commercial well.

The effective date of January 1, 1985, established for the #324 well is predicated on the following.

Under Section 11 of the Canyon Largo Unit Agreement it states:

> "Additional Drilling Blocks....shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block..."

The Canyon Largo Unit #324 well was completed April 4, 1984. The Gallup formation was tested April 4, 1984, and on a twenty-four (24) hour flowing test, the well produced -0- BOPD and 40 MCF/D. A pump jack was installed to remove the condensate and during the month of December 1984 produced commercial quantities of gas. On December 26, 1984, the well produced 212 MCF/D and on December 31, 1984, produced 193 MCF/D. The spacing unit for this well is described as the W/2 of Section 20, Township 24 North, Range 6 West, N.M.P.M., containing 320.00 acres.

TWENTY-FIFTH EXPANDED PARTICIPATING AREA -- EFFECTIVE APRIL 1, 1985

Drilling Block	Net Acres	Well No.
E/2 Section 36, 25N-7W	320.00	#345

The Canyon Largo Unit #345 well was completed March 8, 1985. The Gallup formation was tested March 27, 1985. On a twenty-four (24) hour flowing test, the well produced 58 BOPD and 259 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 36, Township 25 North, Range 7 West, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF NON-COMMERCIAL WELLS

One (1) well has been determined non-commercial for unit purposes and will not be brought into the Gallup Participating Area. This well is as follows:

The Canyon Largo Unit #144 well was completed December 12, 1984. The Gallup formation was tested on December 12, 1984. On a twenty-four (24) hour flowing test, the well produced 35.5 BOPD and 695 MCF/D. The spacing unit for this well is described as the W/2 of Section 17, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

Inasmuch as this need no official approval, pursuant to the terms of Section 11, Paragraph 2, of the Canyon Largo Unit Agreement, no provision is made, therefore, and in the absence of disapproval, the Revised Twenty-Fourth and Twenty-Fifth Participating Areas for the Gallup formation will become effective January 1, 1985, and April 1, 1985, respectively.

Attached hereto are Revised Schedules XXV and XXVI showing the Twenty-Fourth through Twenty-Fifth Expanded Participating Areas for the Gallup formation of the Canyon Largo Unit. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,

James R. Permenter
Attorney-In-Fact

JRP:VLG:tlm
Enclosures
Canyon Largo Unit, 4.4
Doc. #0170L

CANYON LARGO UNIT WORKING INTEREST OWNERS
GALLUP PARTICIPATING AREA

Mr. Robert L. Bayless

Mr. Steven S. Dunn

El Paso Natural Gas Company

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

Kimbell Oil Company of Texas

Meridian Oil Production, Inc.

Merrion Oil & Gas Corporation

Mr. Donald J. Merrion, Jr., Trustee

Mr. Gregory Merrion

Mr. William Merrion

Texaco Producing Inc.

The Wiser Oil Company

MERIDIAN OIL COMPANY
SCHEDULE XXV
THE 024 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078628A	24N 6W	320.00	TRACT: 012			2.893447
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	
SF-078874	24N 6W	2,519.04	TRACT: 016			22.777221
	SEC. 3 LOTS 5-12, W/2 SW/4, SE SW, SE/4		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 5-12, SE/4, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:			
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078875	25N 6W	2,241.68	TRACT: 017			20.269325
	SEC. 31 W/2		ORRI:	8.750000	8.750000	
	SEC. 33 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 29 ALL		WORKING INTEREST:			
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS RIGHTS ARE OWNED BY EPNG
OIL RIGHTS ARE OWNED BY MERIDIAN OIL

EFFECTIVE 85/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078877	24N 6W	1,920.00	TRACT: 019A			17.360687
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 ALL		WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078882	25N 6W	640.00	TRACT: 024			5.786895
	SEC. 20 ALL		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS RIGHTS ARE OWNED BY EPNG
OIL RIGHTS ARE OWNED BY MERIDIAN OIL

SF-078886	24N 6W	920.00	TRACT: 028			8.318662
	SEC. 17 ALL		ORRI:	8.750000	8.750000	
	SEC. 20 W/2 NW/4, SE/4		ROYALTY:	12.500000	12.500000	
	NW/4, SW/4		WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG. OIL
& CASINGHEAD GAS IS OWNED BY MERRION.
EPNG WILL GET PRODUCT FROM #324 GAS WELL
IN SEC. 20 & #89 GAS WELL IN SEC. 17.
THE #324 WILL NOT INVOLVE RETROACTIVE
ADJUSTMENT NOR WILL EPNG PAY OPERATING
COSTS IN PARTICIPATING AREA SINCE GAS
WELLS ARE OPERATED BY EPNG IN GL P/A.

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078922	24N 7W	549.60	TRACT: 029A			4.969496
	SEC. 1 LOTS 1-12, N/2 S/2, SW/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078957	24N 6W	149.15	TRACT: 032			1.348617
	SEC. 5 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 6 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1-4		WORKING INTEREST:			
	SEC. 4 LOTS 1-4		MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-079071B	25N 6W	160.00	TRACT: 036			1.446723
	SEC. 28 NW/4		ORRI:	10.940000	10.940000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	76.560000	76.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST

EFFECTIVE 85/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079071	25N 6W	560.00	TRACT: 036A			5.063533
	SEC. 21 W/2, S/2 SE/4		ORRI:	15.940000	15.940000	
	SEC. 28 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	71.560000	71.560000	
			TOTAL	100.000000	100.000000	
	REMARKS: APO OF CLU 313,314,316 & 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WI.					
SF-079071A	25N 6W	40.00	TRACT: 037			.361680
	SEC. 22 SW/4 SW/4		ORRI:	25.000000	25.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	31.250000	31.250000	
			R. L. BAYLESS	31.250000	31.250000	
			TOTAL	100.000000	100.000000	
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
SF-079071A	25N 6W	160.00	TRACT: 037A			1.446723
	SEC. 28 SW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	25.310000	25.310000	
			R. L. BAYLESS	25.320000	25.320000	
			KIMBELL OIL COMPANY OF TEXAS	12.650000	12.650000	
			CATHERINE W. FIKES	2.110000	2.110000	
			LELAND FIKES FOUNDATION, INC	2.110000	2.110000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	120.00	TRACT: 037B			1.085042
	SEC. 27 N/2 NW/4, SW/4 NW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	25.312500	25.312500	
			R. L. BAYLESS	25.312500	25.312500	
			KIMBELL OIL COMPANY OF TEXAS	12.656200	12.656200	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
			CATHERINE W. FIKES	2.109400	2.109400	
			LELAND FIKES FOUNDATION, INC	2.109400	2.109400	
			TOTAL	100.000000	100.000000	
	24N 6W	160.00	TRACT: 038			
	SEC. 10 N/2 N/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			UNKNOWN	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
	REMARKS: NOT COMMITTED TRACT					
SF-079915	24N 7W	120.00	TRACT: 043			1.085042
	SEC. 1 S/2 SE/4, SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
E-291-37	25N 6W	320.00	TRACT: 055			2.893447
	SEC. 32 E/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
	REMARKS: APO OF THE #321 WELL THE WISER OIL CO. WILL BACKIN FOR A 50% WI					

EFFECTIVE 85/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-5	25N 6W	160.00	TRACT: 056A			1.446723
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	
	REMARKS: APO OF THE #335 WELL, ARCO OIL & GAS WILL BACKIN FOR A 50% WI					
NO LEASE	24N 6W	160.00	TRACT: 078			1.446723
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/01/01

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : S/2 N/2
SECTION 11 : ALL
SECTION 15 : W/2
SECTION 17 : ALL
SECTION 20 : W/2 NW/4, SE/4 NW/4, SW/4
SECTION 3 : LOTS 5-12, W/2 SW/4, SE SW, SE/4
SECTION 3 : LOTS 1-4
SECTION 4 : LOTS 5-12, SE/4, SW/4
SECTION 4 : LOTS 1-4
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 6 : LOTS 1-4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 1-12, N/2 S/2, SW/4 SW/4
SECTION 1 : S/2 SE/4, SE/4 SW/4
TOWNSHIP 25N , RANGE 6W
SECTION 20 : ALL
SECTION 21 : W/2, S/2 SE/4
SECTION 22 : SW/4 SW/4
SECTION 27 : N/2 NW/4, SW/4 NW/4
SECTION 28 : NW/4
SECTION 28 : NE/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : W/2
SECTION 32 : NW/4
SECTION 32 : E/2
SECTION 33 : ALL
TOTAL COMMITTED: 11,059.47

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : N/2 N/2
TOTAL ACRES NON-COMMITTED: 160.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 11,219.47

MERIDIAN OIL COMPANY
SCHEDULE XXVI
THE 025 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078628A	24N 6W	320.00	TRACT: 012			2.812081
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	
SF-078874	24N 6W	2,519.04	TRACT: 016			22.136707
	SEC. 3 LOTS 5-12, W/2 SW/4, SE SW, SE/4		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 5-12, SE/4, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:			
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078875	25N 6W	2,241.68	TRACT: 017			19.699335
	SEC. 31 W/2		ORRI:	8.750000	8.750000	
	SEC. 33 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 29 ALL		WORKING INTEREST:			
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS RIGHTS ARE OWNED BY EPNG
OIL RIGHTS ARE OWNED BY MERIDIAN OIL

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078877	24N 6W	1,920.00	TRACT: 019A			16.872490
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 ALL		WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078882	25N 6W	640.00	TRACT: 024			5.624163
	SEC. 20 ALL		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS RIGHTS ARE OWNED BY EPNG.
OIL RIGHTS ARE OWNED BY MERIDIAN OIL

SF-078886	24N 6W	920.00	TRACT: 028			8.084735
	SEC. 17 ALL		ORRI:	8.750000	8.750000	
	SEC. 20 W/2 NW/4, SE/4		ROYALTY:	12.500000	12.500000	
	NW/4, SW/4		WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG. OIL
& CASINGHEAD GAS IS OWNED BY MERRION.
EPNG WILL GET PRODUCT FROM #324 GAS WELL
IN SEC. 20 & #89 GAS WELL IN SEC. 17.
THE #324 WILL NOT INVOLVE RETROACTIVE
ADJUSTMENT NOR WILL EPNG PAY OPERATING
COSTS IN PARTICIPATING AREA SINCE GAS
WELLS ARE OPERATED BY EPNG IN GL P/A.

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078922	24N 7W	549.60	TRACT: 029A			4.829750
	SEC. 1 LOTS 1-12, N/2 S/2, SW/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078957	24N 6W	149.15	TRACT: 032			1.310693
	SEC. 5 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 6 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1-4		WORKING INTEREST:			
	SEC. 4 LOTS 1-4		MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-079071B	25N 6W	160.00	TRACT: 036			1.406040
	SEC. 28 NW/4		ORRI:	10.940000	10.940000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	76.560000	76.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST.

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-079071	25N 6W	560.00	TRACT: 036A			4.921143
	SEC. 21 W/2, S/2 SE/4		ORRI:	15.940000	15.940000	
	SEC. 28 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	71.560000	71.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF CLU 313,314,316 &317 WELLS PWG
PARTNERSHIP WILL BACKIN FOR A 50% WI.

SF-079071A	25N 6W	40.00	TRACT: 037			.351510
	SEC. 22 SW/4 SW/4		ORRI:	25.000000	25.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	31.250000	31.250000	
			R. L. BAYLESS	31.250000	31.250000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE GONZALES COM #1 WELL, A. G.
HILL WILL BACKIN FOR A 50% WI

SF-079071A	25N 6W	160.00	TRACT: 037A			1.406040
	SEC. 28 SW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	25.310000	25.310000	
			R. L. BAYLESS	25.320000	25.320000	
			KIMBELL OIL COMPANY OF TEXAS	12.650000	12.650000	
			CATHERINE W. FIKES	2.110000	2.110000	
			LELAND FIKES FOUNDATION, INC	2.110000	2.110000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	120.00	TRACT: 037B			1.054530
	SEC. 27 N/2 NW/4, SW/4 NW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	25.312500	25.312500	
			R. L. BAYLESS	25.312500	25.312500	
			KIMBELL OIL COMPANY OF TEXAS	12.656200	12.656200	

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
			CATHERINE W. FIKES	2.109400	2.109400	
			LELAND FIKES FOUNDATION, INC	2.109400	2.109400	
			TOTAL	100.000000	100.000000	
	24N 6W	160.00	TRACT: 038			
	SEC. 10 N/2 N/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			UNKNOWN	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
	REMARKS: NOT COMMITTED TRACT					
SF-079915	24N 7W	120.00	TRACT: 043			1.054530
	SEC. 1 S/2 SE/4, SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
E-291-37	25N 6W	320.00	TRACT: 055			2.812081
	SEC. 32 E/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
	REMARKS: APO OF THE #321 WELL THE WISER OIL CO. WILL BACKIN FOR A 50% WORKING INTEREST					

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-5	25N 6W	160.00	TRACT: 056A			1.406040
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #335, ARCO OIL & GAS
WILL BACKIN FOR A 50% WORKING INTEREST

E-809-12	25N 7W	320.00	TRACT: 061			2.812081
	SEC. 36 E/2		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			FINA OIL & CHEMICAL COMPANY	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
NO LEASE	24N 6W	160.00	TRACT: 078			1.406040
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP.	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/04/01

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : S/2 N/2
SECTION 11 : ALL
SECTION 15 : W/2
SECTION 17 : ALL
SECTION 20 : W/2 NW/4, SE/4 NW/4, SW/4
SECTION 3 : LOTS 5-12, W/2 SW/4, SE SW, SE/4
SECTION 3 : LOTS 1-4
SECTION 4 : LOTS 5-12, SE/4, SW/4
SECTION 4 : LOTS 1-4
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 6 : LOTS 1-4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 1-12, N/2 S/2, SW/4 SW/4
SECTION 1 : S/2 SE/4, SE/4SW/4
TOWNSHIP 25N , RANGE 6W
SECTION 20 : ALL
SECTION 21 : W/2, S/2 SE/4
SECTION 22 : SW/4 SW/4
SECTION 27 : N/2 NW/4, SW/4 NW/4
SECTION 28 : NW/4
SECTION 28 : NE/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : W/2
SECTION 32 : NW/4
SECTION 32 : E/2
SECTION 33 : ALL
TOWNSHIP 25N , RANGE 7W
SECTION 36 : E/2
TOTAL COMMITTED: 11,379.47

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 10 : N/2 N/2
TOTAL ACRES NON-COMMITTED: 160.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 11,539.47

El Paso
Natural Gas Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499
PHONE: 505-325-2841

August 26, 1987

Bureau of Land Management
South Central Region
435 Montano N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

By letter dated February 28, 1986, El Paso Natural Gas Company, as Unit Operator, of the referenced unit filed Drilling Programs for the calendar year 1986 which provided for the drilling of twenty-two (22) Pictured Cliffs, eleven (11) Dakota, eleven (11) Chacra, four (4) Mesaverde, and ten (10) Gallup wells. El Paso Natural Gas Company as Unit Operator, has designated Merrion Oil & Gas Corporation as Sub-Operator for developing certain acreage within the unit as to the Tertiary, Gallup and Mesaverde formations.

Listed below are the wells which were proposed but subsequently have been cancelled from the 1986 program:

WELL NO	DRILLING BLOCK	FORMATION
# 6E	E/2 Section 25, T24N, R6W	Dakota
# 68	E/2 Section 17, T25N, R6W	Gallup
#112	W/2 Section 19, T25N, R6W	Gallup
#134	E/2 Section 10, T25N, R6W	Chacra
#166E	W/2 Section 2, T25N, R6W	Dakota
#171	W/2 Section 12, T24N, R6W	Pictured Cliffs
#232	W/2 Section 3, T25N, R6W	Chacra
#233	E/2 Section 11, T25N, R6W	Chacra
#234	E/2 Section 13, T25N, R6W	Chacra
#236	W/2 Section 1, T25N, R6W	Chacra
#245	W/2 Section 26, T25N, R7W	Pictured Cliffs
#250E	E/2 Section 1, T25N, R6W	Dakota
#251	W/2 Section 25, T24N, R6W	Dakota
#251E	W/2 Section 25, T24N, R6W	Dakota
#252E	E/2 Section 3, T25N, R6W	Dakota
#253E	E/2 Section 12, T25N, R6W	Dakota

WELL NO	DRILLING BLOCK	FORMATION
#259	E/2 Section 12, T24N, R6W	Pictured Cliffs
#262	E/2 Section 21, T25N, R7W	Pictured Cliffs
#281R	W/2 Section 15, T25N, R6W	Chacra
#287E	W/2 Section 3, T25N, R6W	Dakota
#292E	E/2 Section 10, T25N, R6W	Dakota
#294E	E/2 Section 2, T25N, R6W	Dakota
#297E	E/2 Section 13, T24N, R6W	Dakota
*#334	E/2 Section 15, T24N, R6W	Gallup
#349A	W/2 Section 8, T24N, R6W	Mesaverde
*#350	W/2 Section 6, T24N, R6W	Mesaverde
*#360	W/2 Section 2, T24N, R7W	Gallup
*#361	E/2 Section 2, T24N, R7W	Gallup
*#362	W/2 Section 2, T24N, R7W	Gallup
#364	E/2 Section 3, T24N, R6W	Pictured Cliffs
#365	W/2 Section 3, T24N, R6W	Pictured Cliffs
#366	E/2 Section 11, T24N, R6W	Pictured Cliffs
#369	E/2 Section 13, T24N, R6W	Pictured Cliffs
#370	E/2 Section 22, T24N, R6W	Pictured Cliffs
#371	W/2 Section 25, T24N, R6W	Pictured Cliffs
#372	E/2 Section 25, T24N, R6W	Pictured Cliffs
#373	W/2 Section 14, T25N, R7W	Pictured Cliffs
#374	E/2 Section 15, T25N, R7W	Pictured Cliffs
#375	E/2 Section 15, T25N, R6W	Chacra
#376	W/2 Section 22, T25N, R7W	Pictured Cliffs
#377	W/2 Section 23, T25N, R7W	Pictured Cliffs
#378	W/2 Section 12, T25N, R6W	Chacra
#379	W/2 Section 29, T25N, R7W	Pictured Cliffs
#380	W/2 Section 33, T25N, R7W	Pictured Cliffs
#381	W/2 Section 7, T25N, R6W	Pictured Cliffs
#382	W/2 Section 7, T25N, R6W	Pictured Cliffs
#383	E/2 Section 7, T25N, R6W	Pictured Cliffs
#384	W/2 Section 8, T25N, R6W	Pictured Cliffs
#385	W/2 Section 12, T25N, R6W	Pictured Cliffs/Chacra
#386	E/2 Section 31, T25N, R6W	Gallup
#396	E/2 Section 14, T25N, R7W	Gallup
#397	W/2 Section 13, T25N, R6W	Chacra
#398	E/2 Section 14, T25N, R6W	Chacra
#399	W/2 Section 11, T25N, R6W	Chacra
#400	E/2 Section 17, T24N, R6W	Mesaverde
#401	E/2 Section 8, T24N, R6W	Mesaverde
#402	E/2 Section 21, T24N, R6W	Gallup
#403	W/2 Section 21, T24N, R6W	Gallup

*These wells were originally submitted on the 1985 Drilling Program but were carried over to 1986.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs, Commercial	161
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	16
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra, Commercial	5
Pictured Cliffs/Chacra, Chacra Non-Commercial	1
Pictured Cliffs/Chacra, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde, Mesaverde Non-Commercial	1
Mesaverde, Plugged back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota, Non-Commercial	1
Gallup/Dakota Dual, Gallup, Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non Commercial	4
	326

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company as Unit Operator, submits a no well Drilling Program for the calendar year 1987.

All working interest owners have been contacted regarding this Drilling Program. El Paso Natural Gas Company as Unit Operator; Merrion Oil & Gas Corporation, as Sub-Operator; and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to this office.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

James R. Permenter
Attorney-In-Fact

JRP:LD:gm
Enclosure
Canyon Largo Unit, 3.0
Doc. #0033L

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: Roy E. Johnson DATED: 9-30-87

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1987 Drilling Program for the
Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene D. Davis
Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

Petro Lewis Corporation

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

State of New Mexico

SLO REF. NO. [illegible]

W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

August 13, 1987

Meridian Oil Inc.
Attention: Van L. Goebel
3535 East 30th Street
P. O. Box 4289
Farmington, New Mexico 87499

Re: Canyon Largo Unit
1987 Plan of Development

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all appropriate agencies.

If we may be of further help, please do not hesitate to call on us.

Very truly yours,

[illegible]
COMMISSIONER OF PUBLIC LANDS

[illegible]
FLOYD O. PRANDO, Director
Oil & Gas Division
(505) 827-5745

WPH FOP [illegible]
[illegible]
cc: Bureau of Land Management
Oil Conservation Division

ILLEGIBLE

MERIDIAN OIL

June 23, 1987

Bureau of Land Management
South Central Region
P.O. Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
REVISED TWENTY-FOURTH
Effective January 1, 1985
and REVISED TWENTY-FIFTH
Effective April 1, 1985
Expanded Participating Area
Gallup Formation

NOTICE OF COMPLETION OF
NON-COMMERCIAL WELLS
Gallup Formation

Gentlemen:

As per your request, we are resubmitting the Twenty-Fourth and Twenty-Fifth Gallup Participating Area expansions for the Canyon Largo Unit.

TWENTY-FOURTH EXPANDED PARTICIPATING AREA -- EFFECTIVE JANUARY 1, 1985

Drilling Block	Net Acres	Well No.
*W/2 NW/4, SE/4 NW/4, SW/4 Section 20, 24N-6W	280.00	#324 (gas well)

*The NE/4 NW/4 is being excluded since unit well #106 was completed as a non-commercial well.

The effective date of January 1, 1985, established for the #324 well is predicated on the following.

Under Section 11 of the Canyon Largo Unit Agreement it states:

> "Additional Drilling Blocks....shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block..."

The Canyon Largo Unit #324 well was completed April 4, 1984. The Gallup formation was tested April 4, 1984, and on a twenty-four (24) hour flowing test, the well produced -0- BOPD and 40 MCF/D. A pump jack was installed to remove the condensate and during the month of December 1984 produced commercial quantities of gas. On December 26, 1984, the well produced 212 MCF/D and on December 31, 1984, produced 193 MCF/D. The spacing unit for this well is described as the W/2 of Section 20, Township 24 North, Range 6 West, N.M.P.M., containing 320.00 acres.

TWENTY-FIFTH EXPANDED PARTICIPATING AREA -- EFFECTIVE APRIL 1, 1985

Drilling Block	Net Acres	Well No.
E/2 Section 36, 25N-7W	320.00	#345

The Canyon Largo Unit #345 well was completed March 8, 1985. The Gallup formation was tested March 27, 1985. On a twenty-four (24) hour flowing test, the well produced 58 BOPD and 259 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 36, Township 25 North, Range 7 West, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF NON-COMMERCIAL WELLS

One (1) well has been determined non-commercial for unit purposes and will not be brought into the Gallup Participating Area. This well is as follows:

The Canyon Largo Unit #144 well was completed December 12, 1984. The Gallup formation was tested on December 12, 1984. On a twenty-four (24) hour flowing test, the well produced 35.5 BOPD and 695 MCF/D. The spacing unit for this well is described as the W/2 of Section 17, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

Inasmuch as this need no official approval, pursuant to the terms of Section 11, Paragraph 2, of the Canyon Largo Unit Agreement, no provision is made, therefore, and in the absence of disapproval, the Revised Twenty-Fourth and Twenty-Fifth Participating Areas for the Gallup formation will become effective January 1, 1985, and April 1, 1985, respectively.

Attached hereto are Revised Schedules XXV and XXVI showing the Twenty-Fourth through Twenty-Fifth Expanded Participating Areas for the Gallup formation of the Canyon Largo Unit. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,

Van L. Goebel
Landman

VLG/tlm
Enclosures
Canyon Largo Unit, 4.4
Doc. #0170L

CANYON LARGO UNIT WORKING INTEREST OWNERS
GALLUP PARTICIPATING AREA

Mr. Robert L. Bayless

Mr. Steven S. Dunn

El Paso Natural Gas Company

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

Kimbell Oil Company of Texas

Meridian Oil Production, Inc.

Merrion Oil & Gas Corporation

Mr. Donald J. Merrion, Jr., Trustee

Mr. Gregory Merrion

Mr. William Merrion

Texaco Producing Inc.

The Wiser Oil Company

MERIDIAN OIL COMPANY
SCHEDULE XXV
THE 024 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078628A	24N 6W	320.00	TRACT: 012			2.893447
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	
SF-078874	24N 6W	2,519.04	TRACT: 016			22.777221
	SEC. 3 LOTS 5-12,W/2S W/4,SESW,SE/4		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 5-12, SE/ 4, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:			
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
SF-078875	25N 6W	2,241.68	TRACT: 017			20.269325
	SEC. 31 W/2		ORRI:	8.750000	8.750000	
	SEC. 33 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 29 ALL		WORKING INTEREST:			
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
SF-078877	24N 6W	1,920.00	TRACT: 019A			17.360687
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 ALL		WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
SF-078882	25N 6W SEC. 20 ALL	640.00	TRACT: 024			5.786895
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
SF-078886	24N 6W SEC. 17 ALL SEC. 20 W/2 NW/4, SE/4 NW/4, SW/4	920.00	TRACT: 028			8.318662
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	54.782600	54.782600	
			EL PASO NATURAL GAS CO	23.967400	23.967400	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION #324 GL WELL DETERMINED GAS WELL, EPNG WILL GET PRODUCT FROM THIS WELL IN SECTION 20.					
SF-078922	24N 7W SEC. 1 LOTS 1-12,N/2 S/2, SW/4 SW/4	549.60	TRACT: 029A			4.969496
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078957	24N 6W	149.15	TRACT: 032			1.348617
	SEC. 5 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 6 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1-4		WORKING INTEREST:			
	SEC. 4 LOTS 1-4		MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-079071B	25N 6W	160.00	TRACT: 036			1.446723
	SEC. 28 NW/4		ORRI:	10.940000	10.940000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	76.560000	76.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST

SF-079071	25N 6W	560.00	TRACT: 036A			5.063533
	SEC. 21 W/2, S/2 SE/4		ORRI:	15.940000	15.940000	
	SEC. 28 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	71.560000	71.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF CLU 313,314,316 & 317 WELLS PWG
PARTNERSHIP WILL BACKIN FOR A 50% WI.

SF-079071A	25N 6W	40.00	TRACT: 037			.361680
	SEC. 22 SW/4 SW/4		ORRI:	25.000000	25.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	31.250000	31.250000	
			R. L. BAYLESS	31.250000	31.250000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
SF-079071A	25N 6W	160.00	TRACT: 037A			1.446723
	SEC. 28 SW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.310000	25.310000	
			R. L. BAYLESS	25.320000	25.320000	
			KIMBELL OIL COMPANY OF TEXAS	12.650000	12.650000	
			CATHERINE W. FIKES	2.110000	2.110000	
			LELAND FIKES FOUNDATION, INC	2.110000	2.110000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	120.00	TRACT: 037B			1.085042
	SEC. 27 N/2 NW/4, SW/4 NW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.312500	25.312500	
			R. L. BAYLE S	25.312500	25.312500	
			KIMBELL OIL COMPANY OF TEXAS	12.656200	12.656200	
			CATHERINE W. FIKES	2.109400	2.109400	
			LELAND FIKES FOUNDATION, INC	2.109400	2.109400	
			TOTAL	100.000000	100.000000	
	24N 6W	160.00	TRACT: 038			
	SEC. 10 N/2 N/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			UNKNOWN	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	120.00	TRACT: 043			1.085042
	SEC. 1 S/2 SE/4, SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-37	25N 6W	320.00	TRACT: 055			2.893447
	SEC. 32 E/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	87.500000	87.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #321 WELL THE WISER OIL CO.
WILL BACKIN FOR A 50% WI

E-291-5	25N 6W	160.00	TRACT: 056A			1.446723
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #335 WELL, ARCO OIL & GAS
WILL BACKIN FOR A 50% WI

NO LEASE	24N 6W	160.00	TRACT: 078			1.446723
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/01/01

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : S/2 N/2
SECTION 11 : ALL
SECTION 15 : W/2
SECTION 17 : ALL
SECTION 20 : W/2 NW/4, SE/4NW/4, SW/4
SECTION 3 : LOTS 5-12,W/2SW/4,SESW,SE/4
SECTION 3 : LOTS 1-4
SECTION 4 : LOTS 5-12, SE/4, SW/4
SECTION 4 : LOTS 1-4
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 6 : LOTS 1-4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 1-12,N/2 S/2, SW/4 SW/4
SECTION 1 : S/2 SE/4, SE/4SW/4
TOWNSHIP 25N , RANGE 6W
SECTION 20 : ALL
SECTION 21 : W/2, S/2 SE/4
SECTION 22 : SW/4 SW/4
SECTION 27 : N/2 NW/4, SW/4 NW/4
SECTION 28 : NW/4
SECTION 28 : NE/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : W/2
SECTION 32 : NW/4
SECTION 32 : E/2
SECTION 33 : ALL
TOTAL COMMITTED: 11,059.47

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : N/2 N/2

TOTAL ACREAS NON-COMMITTED: 160.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 11,219.47

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078628A	24N 6W	320.00	TRACT: 012			2.812081
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	
SF-078874	24N 6W	2,519.04	TRACT: 016			22.136707
	SEC. 3 LOTS 5-12,W/2S W/4,SESW,SE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
	SEC. 4 LOTS 5-12, SE/4, SW/4		WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
	SEC. 5 LOTS 5-12, S/2					
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4					
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078875	25N 6W	2,241.68	TRACT: 017			19.699335
	SEC. 31 W/2		ORRI:	8.750000	8.750000	
	SEC. 33 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 29 ALL		WORKING INTEREST:			
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS RIGHTS ARE OWNED BY EPNG
OIL RIGHTS ARE OWNED BY MERIDIAN OIL

SF-078877	24N 6W	1,920.00	TRACT: 019A			16.872490
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 ALL		WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
SF-078882	25N 6W SEC. 20 ALL	640.00	TRACT: 024 ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC. TOTAL	 8.750000 12.500000 78.750000 100.000000	 8.750000 12.500000 78.750000 100.000000	5.624163
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG. OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
SF-078886	24N 6W SEC. 17 ALL SEC. 20 W/2 NW/4, SE/4 NW/4, SW/4	920.00	TRACT: 028 ORRI: ROYALTY: WORKING INTEREST: MERRION OIL & GAS CORP EL PASO NATURAL GAS CO TOTAL	 8.750000 12.500000 54.782600 23.967400 100.000000	 8.750000 12.500000 54.782600 23.967400 100.000000	8.084735
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION #324 GL WELL DETERMINED GAS WELL, EPNG WILL GET PRODUCT FROM THIS WELL IN SECTION 20.					
SF-078922	24N 7W SEC. 1 LOTS 1-12,N/2 S/2, SW/4 SW/4	549.60	TRACT: 029A ORRI: ROYALTY: WORKING INTEREST: MERRION OIL & GAS CORP TOTAL	 8.750000 12.500000 78.750000 100.000000	 8.750000 12.500000 78.750000 100.000000	4.829750
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078957	24N 6W	149.15	TRACT: 032			1.310693
	SEC. 5 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 6 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1-4		WORKING INTEREST:			
	SEC. 4 LOTS 1-4		MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-079071B	25N 6W	160.00	TRACT: 036			1.406040
	SEC. 28 NW/4		ORRI:	10.940000	10.940000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	76.560000	76.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST.

SF-079071	25N 6W	560.00	TRACT: 036A			4.921143
	SEC. 21 W/2, S/2 SE/4		ORRI:	15.940000	15.940000	
	SEC. 28 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	71.560000	71.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF CLU 313,314,316 &317 WELLS PWG
PARTNERSHIP WILL BACKIN FOR A 50% WI.

SF-079071A	25N 6W	40.00	TRACT: 037			.351510
	SEC. 22 SW/4 SW/4		ORRI:	25.000000	25.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	31.250000	31.250000	
			R. L. BAYLESS	31.250000	31.250000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
SF-079071A	25N 6W	160.00	TRACT: 037A			1.406040
	SEC. 28 SW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.310000	25.310000	
			R. L. BAYLESS	25.320000	25.320000	
			KIMBELL OIL COMPANY OF TEXAS	12.650000	12.650000	
			CATHERINE W. FIKES	2.110000	2.110000	
			LELAND FIKES FOUNDATION, INC	2.110000	2.110000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	120.00	TRACT: 037B			1.054530
	SEC. 27 N/2 NW/4, SW/4 NW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.312500	25.312500	
			R. L. BAYLESS	25.312500	25.312500	
			KIMBELL OIL COMPANY OF TEXAS	12.656200	12.656200	
			CATHERINE W. FIKES	2.109400	2.109400	
			LELAND FIKES FOUNDATION, INC	2.109400	2.109400	
			TOTAL	100.000000	100.000000	
	24N 6W	160.00	TRACT: 038			
	SEC. 10 N/2 N/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			UNKNOWN	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	120.00	TRACT: 043			1.054530
	SEC. 1 S/2 SE/4, SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-37	25N 6W	320.00	TRACT: 055			2.812081
	SEC. 32 E/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	87.500000	87.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #321 WELL THE WISER OIL CO.
WILL BACKIN FOR A 50% WORKING INTEREST

E-291-5	25N 6W	160.00	TRACT: 056A			1.406040
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #335, ARCO OIL & GAS
WILL BACKIN FOR A 50% WORKING INTEREST

E-809-12	25N 7W	320.00	TRACT: 061			2.812081
	SEC. 36 E/2		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			FINA OIL & CHEMICAL COMPANY	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
NO LEASE	24N 6W	160.00	TRACT: 078			1.406040
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/04/01

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : S/2 N/2
SECTION 11 : ALL
SECTION 15 : W/2
SECTION 17 : ALL
SECTION 20 : W/2 NW/4, SE/4NW/4, SW/4
SECTION 3 : LOTS 5-12,W/2SW/4,SESW,SE/4
SECTION 3 : LOTS 1-4
SECTION 4 : LOTS 5-12, SE/4, SW/4
SECTION 4 : LOTS 1-4
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 6 : LOTS 1-4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 1-12,N/2 S/2, SW/4 SW/4
SECTION 1 : S/2 SE/4, SE/4SW/4
TOWNSHIP 25N , RANGE 6W
SECTION 20 : ALL
SECTION 21 : W/2, S/2 SE/4
SECTION 22 : SW/4 SW/4
SECTION 27 : N/2 NW/4, SW/4 NW/4
SECTION 28 : NW/4
SECTION 28 : NE/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : W/2
SECTION 32 : NW/4
SECTION 32 : E/2
SECTION 33 : ALL
TOWNSHIP 25N , RANGE 7W
SECTION 36 : E/2
TOTAL COMMITTED: 11,379.47

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 10 : N/2 N/2
TOTAL ACREAS NON-COMMITTED: 160.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 11,539.47

MERIDIAN OIL

June 23, 1987

Bureau of Land Management
South Central Region
P.O. Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
REVISED TWENTY-FOURTH
Effective January 1, 1985
and REVISED TWENTY-FIFTH
Effective April 1, 1985
Expanded Participating Area
Gallup Formation

NOTICE OF COMPLETION OF
NON-COMMERCIAL WELLS
Gallup Formation

Gentlemen:

As per your request, we are resubmitting the Twenty-Fourth and Twenty-Fifth Gallup Participating Area expansions for the Canyon Largo Unit.

TWENTY-FOURTH EXPANDED PARTICIPATING AREA -- EFFECTIVE JANUARY 1, 1985

Drilling Block	Net Acres	Well No.
*W/2 NW/4, SE/4 NW/4, SW/4 Section 20, 24N-6W	280.00	#324 (gas well)

*The NE/4 NW/4 is being excluded since unit well #106 was completed as a non-commercial well.

The effective date of January 1, 1985, established for the #324 well is predicated on the following.

Under Section 11 of the Canyon Largo Unit Agreement it states:

> "Additional Drilling Blocks....shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block..."

The Canyon Largo Unit #324 well was completed April 4, 1984. The Gallup formation was tested April 4, 1984, and on a twenty-four (24) hour flowing test, the well produced -0- BOPD and 40 MCF/D. A pump jack was installed to remove the condensate and during the month of December 1984 produced commercial quantities of gas. On December 26, 1984, the well produced 212 MCF/D and on December 31, 1984, produced 193 MCF/D. The spacing unit for this well is described as the W/2 of Section 20, Township 24 North, Range 6 West, N.M.P.M., containing 320.00 acres.

TWENTY-FIFTH EXPANDED PARTICIPATING AREA -- EFFECTIVE APRIL 1, 1985

Drilling Block	Net Acres	Well No.
E/2 Section 36, 25N-7W	320.00	#345

The Canyon Largo Unit #345 well was completed March 8, 1985. The Gallup formation was tested March 27, 1985. On a twenty-four (24) hour flowing test, the well produced 58 BOPD and 259 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 36, Township 25 North, Range 7 West, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF NON-COMMERCIAL WELLS

One (1) well has been determined non-commercial for unit purposes and will not be brought into the Gallup Participating Area. This well is as follows:

The Canyon Largo Unit #144 well was completed December 12, 1984. The Gallup formation was tested on December 12, 1984. On a twenty-four (24) hour flowing test, the well produced 35.5 BOPD and 695 MCF/D. The spacing unit for this well is described as the W/2 of Section 17, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

Inasmuch as this need no official approval, pursuant to the terms of Section 11, Paragraph 2, of the Canyon Largo Unit Agreement, no provision is made, therefore, and in the absence of disapproval, the Revised Twenty-Fourth and Twenty-Fifth Participating Areas for the Gallup formation will become effective January 1, 1985, and April 1, 1985, respectively.

Attached hereto are Revised Schedules XXV and XXVI showing the Twenty-Fourth through Twenty-Fifth Expanded Participating Areas for the Gallup formation of the Canyon Largo Unit. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Yours very truly,

Van L. Goebel
Landman

VLG/tlm
Enclosures
Canyon Largo Unit, 4.4
Doc. #0170L

CANYON LARGO UNIT WORKING INTEREST OWNERS
GALLUP PARTICIPATING AREA

Mr. Robert L. Bayless

Mr. Steven S. Dunn

El Paso Natural Gas Company

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

Kimbell Oil Company of Texas

Meridian Oil Production, Inc.

Merrion Oil & Gas Corporation

Mr. Donald J. Merrion, Jr., Trustee

Mr. Gregory Merrion

Mr. William Merrion

Texaco Producing Inc.

The Wiser Oil Company

MERIDIAN OIL COMPANY
SCHEDULE XXV
THE 024 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078628A	24N 6W	320.00	TRACT: 012			2.893447
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	
SF-078874	24N 6W	2,519.04	TRACT: 016			22.777221
	SEC. 3 LOTS 5-12,W/2S W/4,SESW,SE/4		ORRI:	8.750000	8.750000	
	SEC. 4 LOTS 5-12, SE/4, SW/4		ROYALTY:	12.500000	12.500000	
	SEC. 5 LOTS 5-12, S/2		WORKING INTEREST:			
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4		MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
SF-078875	25N 6W	2,241.68	TRACT: 017			20.269325
	SEC. 31 W/2		ORRI:	8.750000	8.750000	
	SEC. 33 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 29 ALL		WORKING INTEREST:			
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
SF-078877	24N 6W	1,920.00	TRACT: 019A			17.360687
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 ALL		WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
SF-078882	25N 6W SEC. 20 ALL	640.00	TRACT: 024			5.786895
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
SF-078886	24N 6W SEC. 17 ALL SEC. 20 W/2 NW/4, SE/4 NW/4, SW/4	920.00	TRACT: 028			8.318662
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	54.782600	54.782600	
			EL PASO NATURAL GAS CO	23.967400	23.967400	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION #324 GL WELL DETERMINED GAS WELL, EPNG WILL GET PRODUCT FROM THIS WELL IN SECTION 20.					
SF-078922	24N 7W SEC. 1 LOTS 1-12,N/2 S/2, SW/4 SW/4	549.60	TRACT: 029A			4.969496
			ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078957	24N 6W	149.15	TRACT: 032			1.348617
	SEC. 5 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 6 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1-4		WORKING INTEREST:			
	SEC. 4 LOTS 1-4		MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-079071B	25N 6W	160.00	TRACT: 036			1.446723
	SEC. 28 NW/4		ORRI:	10.940000	10.940000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	76.560000	76.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST

SF-079071	25N 6W	560.00	TRACT: 036A			5.063533
	SEC. 21 W/2, S/2 SE/4		ORRI:	15.940000	15.940000	
	SEC. 28 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	71.560000	71.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF CLU 313,314,316 & 317 WELLS PWG
PARTNERSHIP WILL BACKIN FOR A 50% WI.

SF-079071A	25N 6W	40.00	TRACT: 037			.361680
	SEC. 22 SW/4 SW/4		ORRI:	25.000000	25.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	31.250000	31.250000	
			R. L. BAYLESS	31.250000	31.250000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/01/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
SF-079071A	25N 6W	160.00	TRACT: 037A			1.446723
	SEC. 28 SW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.310000	25.310000	
			R. L. BAYLESS	25.320000	25.320000	
			KIMBELL OIL COMPANY OF TEXAS	12.650000	12.650000	
			CATHERINE W. FIKES	2.110000	2.110000	
			LELAND FIKES FOUNDATION, INC	2.110000	2.110000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	120.00	TRACT: 037B			1.085042
	SEC. 27 N/2 NW/4, SW/4 NW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.312500	25.312500	
			R. L. BAYLESS	25.312500	25.312500	
			KIMBELL OIL COMPANY OF TEXAS	12.656200	12.656200	
			CATHERINE W. FIKES	2.109400	2.109400	
			LELAND FIKES FOUNDATION, INC	2.109400	2.109400	
			TOTAL	100.000000	100.000000	
	24N 6W	160.00	TRACT: 038			
	SEC. 10 N/2 N/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			UNKNOWN	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	120.00	TRACT: 043			1.085042
	SEC. 1 S/2 SE/4, SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-37	25N 6W	320.00	TRACT: 055			2.893447
	SEC. 32 E/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	87.500000	87.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #321 WELL THE WISER OIL CO.
WILL BACKIN FOR A 50% WI

E-291-5	25N 6W	160.00	TRACT: 056A			1.446723
			ORRI:	12.500000	12.500000	
	SEC. 32 NW/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #335 WELL, ARCO OIL & GAS
WILL BACKIN FOR A 50% WI

NO LEASE	24N 6W	160.00	TRACT: 078			1.446723
			ORRI:			
	SEC. 10 S/2 N/2		ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/01/01

MERIDIAN OIL COMPANY

RUN DATE 06/23/87 SCHEDULE XXV PAGE 1

RUN TIME 11:38:35 R E C A P I T U L A T I O N FED535AP-A

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : S/2 N/2
SECTION 11 : ALL
SECTION 15 : W/2
SECTION 17 : ALL
SECTION 20 : W/2 NW/4, SE/4NW/4, SW/4
SECTION 3 : LOTS 5-12,W/2SW/4,SESW,SE/4
SECTION 3 : LOTS 1-4
SECTION 4 : LOTS 5-12, SE/4, SW/4
SECTION 4 : LOTS 1-4
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 6 : LOTS 1-4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 1-12,N/2 S/2, SW/4 SW/4
SECTION 1 : S/2 SE/4, SE/4SW/4
TOWNSHIP 25N , RANGE 6W
SECTION 20 : ALL
SECTION 21 : W/2, S/2 SE/4
SECTION 22 : SW/4 SW/4
SECTION 27 : N/2 NW/4, SW/4 NW/4
SECTION 28 : NW/4
SECTION 28 : NE/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : W/2
SECTION 32 : NW/4
SECTION 32 : E/2
SECTION 33 : ALL
TOTAL COMMITTED: 11,059.47

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : N/2 N/2

TOTAL ACREAS NON-COMMITTED: 160.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 11,219.47

MERIDIAN OIL COMPANY
SCHEDULE XXVI
THE 025 EXPANDED PARTICIPATING AREA FOR GALLUP FORMATION
CANYON LARGO UNIT UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078628A	24N 6W	320.00	TRACT: 012			2.812081
	SEC. 15 W/2		ORRI:	2.500000	2.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			TEXACO PRODUCING INC.	85.000000	85.000000	
			TOTAL	100.000000	100.000000	
SF-078874	24N 6W	2,519.04	TRACT: 016			22.136707
	SEC. 3 LOTS 5-12,W/2S W/4,SESW,SE/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
	SEC. 4 LOTS 5-12, SE/ 4, SW/4		WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
	SEC. 5 LOTS 5-12, S/2					
	SEC. 6 LOTS 5-14, E/2 SW/4, SE/4					
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-078875	25N 6W	2,241.68	TRACT: 017			19.699335
	SEC. 31 W/2		ORRI:	8.750000	8.750000	
	SEC. 33 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 29 ALL		WORKING INTEREST:			
	SEC. 30 LOTS 1-4, E/2 W/2, E/2 (ALL)		MERIDIAN OIL PRODUCTION INC.	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS RIGHTS ARE OWNED BY EPNG
OIL RIGHTS ARE OWNED BY MERIDIAN OIL

SF-078877	24N 6W	1,920.00	TRACT: 019A			16.872490
	SEC. 8 ALL		ORRI:	8.750000	8.750000	
	SEC. 9 ALL		ROYALTY:	12.500000	12.500000	
	SEC. 11 ALL		WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/04/01

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					
SF-078882	25N 6W SEC. 20 ALL	640.00	TRACT: 024 ORRI: ROYALTY: WORKING INTEREST: MERIDIAN OIL PRODUCTION INC. TOTAL	 8.750000 12.500000 78.750000 100.000000	 8.750000 12.500000 78.750000 100.000000	5.624163
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG. OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
SF-078886	24N 6W SEC. 17 ALL SEC. 20 W/2 NW/4, SE/4 NW/4, SW/4	920.00	TRACT: 028 ORRI: ROYALTY: WORKING INTEREST: MERRION OIL & GAS CORP EL PASO NATURAL GAS CO TOTAL	 8.750000 12.500000 54.782600 23.967400 100.000000	 8.750000 12.500000 54.782600 23.967400 100.000000	8.084735
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION #324 GL WELL DETERMINED GAS WELL, EPNG WILL GET PRODUCT FROM THIS WELL IN SECTION 20.					
SF-078922	24N 7W SEC. 1 LOTS 1-12,N/2 S/2, SW/4 SW/4	549.60	TRACT: 029A ORRI: ROYALTY: WORKING INTEREST: MERRION OIL & GAS CORP TOTAL	 8.750000 12.500000 78.750000 100.000000	 8.750000 12.500000 78.750000 100.000000	4.829750
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION					

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
SF-078957	24N 6W	149.15	TRACT: 032			1.310693
	SEC. 5 LOTS 1-4		ORRI:	8.750000	8.750000	
	SEC. 6 LOTS 1-4		ROYALTY:	12.500000	12.500000	
	SEC. 3 LOTS 1-4		WORKING INTEREST:			
	SEC. 4 LOTS 1-4		MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SF-079071B	25N 6W	160.00	TRACT: 036			1.406040
	SEC. 28 NW/4		ORRI:	10.940000	10.940000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	76.560000	76.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST.

SF-079071	25N 6W	560.00	TRACT: 036A			4.921143
	SEC. 21 W/2, S/2 SE/4		ORRI:	15.940000	15.940000	
	SEC. 28 NE/4		ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	71.560000	71.560000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF CLU 313,314,316 &317 WELLS PWG
PARTNERSHIP WILL BACKIN FOR A 50% WI.

SF-079071A	25N 6W	40.00	TRACT: 037			.351510
	SEC. 22 SW/4 SW/4		ORRI:	25.000000	25.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	31.250000	31.250000	
			R. L. BAYLESS	31.250000	31.250000	
			TOTAL	100.000000	100.000000	

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
SF-079071A	25N 6W	160.00	TRACT: 037A			1.406040
	SEC. 28 SW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.310000	25.310000	
			R. L. BAYLESS	25.320000	25.320000	
			KIMBELL OIL COMPANY OF TEXAS	12.650000	12.650000	
			CATHERINE W. FIKES	2.110000	2.110000	
			LELAND FIKES FOUNDATION, INC	2.110000	2.110000	
			TOTAL	100.000000	100.000000	
SF-079071A	25N 6W	120.00	TRACT: 037B			1.054530
	SEC. 27 N/2 NW/4, SW/4 NW/4		ORRI:	20.000000	20.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	25.312500	25.312500	
			R. L. BAYLESS	25.312500	25.312500	
			KIMBELL OIL COMPANY OF TEXAS	12.656200	12.656200	
			CATHERINE W. FIKES	2.109400	2.109400	
			LELAND FIKES FOUNDATION, INC	2.109400	2.109400	
			TOTAL	100.000000	100.000000	
	24N 6W	160.00	TRACT: 038			
	SEC. 10 N/2 N/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			UNKNOWN	87.500000	87.500000	
			TOTAL	100.000000	100.000000	
SF-079915	24N 7W	120.00	TRACT: 043			1.054530
	SEC. 1 S/2 SE/4, SE/4 SW/4		ORRI:	8.750000	8.750000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	78.750000	78.750000	
			TOTAL	100.000000	100.000000	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PERCENT ACTUAL PARTICIPATION
E-291-37	25N 6W	320.00	TRACT: 055			2.812081
	SEC. 32 E/2		ORRI:			
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	87.500000	87.500000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #321 WELL THE WISER OIL CO.
WILL BACKIN FOR A 50% WORKING INTEREST

E-291-5	25N 6W	160.00	TRACT: 056A			1.406040
	SEC. 32 NW/4		ORRI:	12.500000	12.500000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	75.000000	75.000000	
			TOTAL	100.000000	100.000000	

REMARKS:
APO OF THE #335, ARCO OIL & GAS
WILL BACKIN FOR A 50% WORKING INTEREST

E-809-12	25N 7W	320.00	TRACT: 061			2.812081
	SEC. 36 E/2		ORRI:	5.000000	5.000000	
			ROYALTY:	12.500000	12.500000	
			WORKING INTEREST:			
			FINA OIL & CHEMICAL COMPANY	82.500000	82.500000	
			TOTAL	100.000000	100.000000	
NO LEASE	24N 6W	160.00	TRACT: 078			1.406040
	SEC. 10 S/2 N/2		ORRI:			
			ROYALTY:			
			WORKING INTEREST:			
			MERRION OIL & GAS CORP	100.000000	100.000000	
			TOTAL	100.000000	100.000000	

EFFECTIVE 85/04/01

DESCRIPTION OF COMMITTED LANDS IN PARTICIPATING AREA:

TOWNSHIP 24N , RANGE 6W
SECTION 10 : S/2 N/2
SECTION 11 : ALL
SECTION 15 : W/2
SECTION 17 : ALL
SECTION 20 : W/2 NW/4, SE/4NW/4, SW/4
SECTION 3 : LOTS 5-12,W/2SW/4,SESW,SE/4
SECTION 3 : LOTS 1-4
SECTION 4 : LOTS 5-12, SE/4, SW/4
SECTION 4 : LOTS 1-4
SECTION 5 : LOTS 5-12, S/2
SECTION 5 : LOTS 1-4
SECTION 6 : LOTS 5-14, E/2 SW/4, SE/4
SECTION 6 : LOTS 1-4
SECTION 8 : ALL
SECTION 9 : ALL
TOWNSHIP 24N , RANGE 7W
SECTION 1 : LOTS 1-12,N/2 S/2, SW/4 SW/4
SECTION 1 : S/2 SE/4, SE/4SW/4
TOWNSHIP 25N , RANGE 6W
SECTION 20 : ALL
SECTION 21 : W/2, S/2 SE/4
SECTION 22 : SW/4 SW/4
SECTION 27 : N/2 NW/4, SW/4 NW/4
SECTION 28 : NW/4
SECTION 28 : NE/4
SECTION 28 : SW/4
SECTION 29 : ALL
SECTION 30 : LOTS 1-4, E/2 W/2, E/2 (ALL)
SECTION 31 : W/2
SECTION 32 : NW/4
SECTION 32 : E/2
SECTION 33 : ALL
TOWNSHIP 25N , RANGE 7W
SECTION 36 : E/2
TOTAL COMMITTED: 11,379.47

DESCRIPTION OF NON-COMMITTED LANDS IN PARTICIPATING AREA:

SECTION 10 : N/2 N/2
TOTAL ACREAS NON-COMMITTED: 160.00

TOTAL NUMBER OF ACRES IN PARTICIPATING AREA: 11,539.47

MERIDIAN OIL

February 27, 1987

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1987 Drilling Program

Gentlemen:

By letter dated February 28, 1986, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, of the referenced unit filed Drilling Programs for the calendar year 1986 which provided for the drilling of twenty-two (22) Pictured Cliffs, eleven (11) Dakota, eleven (11) Chacra, four (4) Mesaverde, and ten (10) Gallup wells. Meridian Oil Inc. as Unit Operator, has designated Merrion Oil & Gas Corporation as Sub-Operator for developing certain acreage within the unit as to the Tertiary, Gallup and Mesaverde formations.

Listed below are the wells which were proposed but subsequently have been cancelled from the 1986 program:

WELL NO	DRILLING BLOCK	FORMATION
# 6E	E/2 Section 25, T24N, R6W	Dakota
# 68	E/2 Section 17, T25N, R6W	Gallup
#112	W/2 Section 19, T25N, R6W	Gallup
#134	E/2 Section 10, T25N, R6W	Chacra
#166E	W/2 Section 2, T25N, R6W	Dakota
#171	W/2 Section 12, T24N, R6W	Pictured Cliffs
#232	W/2 Section 3, T25N, R6W	Chacra
#233	E/2 Section 11, T25N, R6W	Chacra
#234	E/2 Section 13, T25N, R6W	Chacra
#236	W/2 Section 1, T25N, R6W	Chacra
#245	W/2 Section 26, T25N, R7W	Pictured Cliffs
#250E	E/2 Section 1, T25N, R6W	Dakota
#251	W/2 Section 25, T24N, R6W	Dakota
#251E	W/2 Section 25, T24N, R6W	Dakota
#252E	E/2 Section 3, T25N, R6W	Dakota
#253E	E/2 Section 12, T25N, R6W	Dakota

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251

WELL NO	DRILLING BLOCK	FORMATION
#259	E/2 Section 12, T24N, R6W	Pictured Cliffs
#262	E/2 Section 21, T25N, R7W	Pictured Cliffs
#281R	W/2 Section 15, T25N, R6W	Chacra
#287E	W/2 Section 3, T25N, R6W	Dakota
#292E	E/2 Section 10, T25N, R6W	Dakota
#294E	E/2 Section 2, T25N, R6W	Dakota
#297E	E/2 Section 13, T24N, R6W	Dakota
*#334	E/2 Section 15, T24N, R6W	Gallup
#349A	W/2 Section 8, T24N, R6W	Mesaverde
*#350	W/2 Section 6, T24N, R6W	Mesaverde
*#360	W/2 Section 2, T24N, R7W	Gallup
*#361	E/2 Section 2, T24N, R7W	Gallup
*#362	W/2 Section 2, T24N, R7W	Gallup
#364	E/2 Section 3, T24N, R6W	Pictured Cliffs
#365	W/2 Section 3, T24N, R6W	Pictured Cliffs
#366	E/2 Section 11, T24N, R6W	Pictured Cliffs
#369	E/2 Section 13, T24N, R6W	Pictured Cliffs
#370	E/2 Section 22, T24N, R6W	Pictured Cliffs
#371	W/2 Section 25, T24N, R6W	Pictured Cliffs
#372	E/2 Section 25, T24N, R6W	Pictured Cliffs
#373	W/2 Section 14, T25N, R7W	Pictured Cliffs
#374	E/2 Section 15, T25N, R7W	Pictured Cliffs
#375	E/2 Section 15, T25N, R6W	Chacra
#376	W/2 Section 22, T25N, R7W	Pictured Cliffs
#377	W/2 Section 23, T25N, R7W	Pictured Cliffs
#378	W/2 Section 12, T25N, R6W	Chacra
#379	W/2 Section 29, T25N, R7W	Pictured Cliffs
#380	W/2 Section 33, T25N, R7W	Pictured Cliffs
#381	W/2 Section 7, T25N, R6W	Pictured Cliffs
#382	W/2 Section 7, T25N, R6W	Pictured Cliffs
#383	E/2 Section 7, T25N, R6W	Pictured Cliffs
#384	W/2 Section 8, T25N, R6W	Pictured Cliffs
#385	W/2 Section 12, T25N, R6W	Pictured Cliffs/Chacra
#386	E/2 Section 31, T25N, R6W	Gallup
#396	E/2 Section 14, T25N, R7W	Gallup
#397	W/2 Section 13, T25N, R6W	Chacra
#398	E/2 Section 14, T25N, R6W	Chacra
#399	W/2 Section 11, T25N, R6W	Chacra
#400	E/2 Section 17, T24N, R6W	Mesaverde
#401	E/2 Section 8, T24N, R6W	Mesaverde
#402	E/2 Section 21, T24N, R6W	Gallup
#403	W/2 Section 21, T24N, R6W	Gallup

*These wells were originally submitted on the 1985 Drilling Program but were carried over to 1986.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs, Commercial	161
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	16
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra, Commercial	5
Pictured Cliffs/Chacra, Chacra Non-Commercial	1
Pictured Cliffs/Chacra, Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde, Mesaverde Non-Commercial	1
Mesaverde, Plugged back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	1
Gallup, Commercial	53
Gallup, Being Evaluated	3
Gallup, Plugged & Abandoned	3
Gallup/Dakota Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Dakota, Non-Commercial	1
Gallup/Dakota Dual, Gallup, Non-Commercial	1
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non Commercial	4
	326

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Meridian Oil Inc., as Unit Operator, submits a no well Drilling Program for the calendar year 1987.

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil, as Unit Operator; Merrion Oil & Gas Corporation, as Sub-Operator; and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned at the above address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Alan Alexander
District Land Manager

AA:LD:tlm
Enclosure
Canyon Largo Unit, 3.0
Doc. #0356L

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: _____ DATED: 3-4-87

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1987 Drilling Program for the
Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Conoco, Inc.

Paulene D. Davis
Paulene Marcia Davis McAnally

Dugan Production Corporation

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna R. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Minel, Inc.

Mrs. Ana Gardner Osborn

PC, Ltd.

Petro Lewis Corporation

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing, Inc.

Richard T. C. Tully

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
MBank at Dallas as
Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (6743)

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

MERIDIAN OIL

January 6, 1987

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico

Gentlemen:

Enclosed for your information is Meridian's letter dated December 23, 1986, which is in response to the Bureau of Land Management's letter wherein the Canyon Largo Unit #144 well was determined non-commercial.

Yours very truly,

Van L. Goebel
Landman

VLG/tlm
Enclosure
Canyon Largo Unit, 4.4
Doc. #0170L

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251

#541

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

January 5, 1987

Meridian Oil Inc.
ATTENTION: Mr. Van L. Goebel
P. O. Box 4289
Farmington, New Mexico 87499

Re: Canyon Largo Unit
17th through 25th Expanded Participating Areas Gallup Formation Effective October 1, 1983 December 1, 1983, February 1, 1984, May 1, 1984, June 1, 1984, July 1, 1984, August 1, 1984, January 1, 1985, and April 1, 1985 respectively

Notice of Completion of Additional Wells and Non-Commercial Wells Gallup Formation

Gentlemen:

The Bureau of Land Management has notified this office that the 17th, 18th, 19th, 20th, 21st, 22nd, and 23rd, Expanded Participating Areas for the Gallup Formation, have been approved and have also acknowledged the notice of completion of seven additional wells in the Gallup Formation, upon acreage already committed to the Gallup Participating Area and the notice of completion of 3 non-commercial wells in the Gallup Formation for the Canyon Largo Unit Area, Rio Arriba County, New Mexico.

This office is also in receipt of your letter of April 1, 1986 also requesting our approval. As unit operator you have notified this office that the following three wells have been determined non-commercial for unit purposes and will not be brought into the Gallup Participating Area. The Box Canyon Com Well No. 1, the Canyon Largo Unit Well No. 320, and the Canyon Largo Unit Well No. 182. Please be advised that this notice has this date been accepted and filed for record.

You have also notified this office that seven additional wells capable of producing unitized substances from the Gallup Formation have been completed upon acreage already committed to the Gallup Participating Area. The acreage dedicated to the Nos. 302 and 311 wells were brought into the Participating Area by the Seventh Expansion. The acreage dedicated to the No. 317 well was brought into the Participating Area by the Fourteenth Expansion. The acreage dedicated to the Well No. 315 was brought

into the participating Area by the Fifteenth Expansion. The acreage dedicated to the Well No. 327 was brought into the Participating Area by the Sixteenth Expansion. The acreage dedicated to the Well No. 338 was brought into the Participating Area by the Eighteenth Expansion. The acreage dedicated to the Well No. 341 was brought into the Participating area by the Twenty-first Expansion. This notice of completion of additional wells is hereby accepted for the record.

Pursuant to Section 11 of the Canyon Largo Unit Agreement. El paso Natural Gas Company, as Unit Operator determined on the date indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Gallup Formation and that the Participating Area for the Gallup Formation is expanded accordingly as follows:

The Seventeenth revison adds 320.00 acres to the Gallup Participating Area and is described as the NW/4 of Section 10 Township 24 North, Range 6 West and the NE/4 of Section 10. Township 24 North, Range 6 West. The Seventeenth revision is effective as of October 1. 1983 and is predicated upon the successful completion of the Canada Mesa Com Well No. 4-E and the Canada Mesa Com Well No. 4.

The Eighteenth revison adds 675.30 acres to the Gallup Participating Area and is described as the W/2 of Section 5, E/2 Section 6, Township 24 North, Range 6 West. The Eighteenth revision is effective as of December 1, 1983 and is predicated upon the successful completion of the Canyon Largo Unit Wells No. 328 and 331.

The Ninteenth revision adds 334.00 Acres to the Gallup Participating Area and is described as the E/2 of Section 1, Township 24 North, Range 7 West. The Nineteenth revision is effective as of February 1, 1984 and is predicated upon the successful completion of the Canyon Largo Unit Well No. 332.

The Twentieth revision adds 160.00 acres to the Gallup Participating Area and is described as the NW/4 of Section 32. Township 25 North, Range 6 West. The Twentieth revision is effective May 1, 1984 and is predicated upon the successful completion of the Canyon Largo Unit Well No. 335.

The Twenty-First revision adds 335.60 acres to the Gallup Participating Area and is described as the W/2 of Section 1. Township 24 North, Range 7 West. The Twenty-First revision is effective June 1, 1984 and is predicated upon the successful completion of the Canyon Largo Unit Well No. 333.

The Twenty-Second revision adds 640.00 acres to the Gallup Participating Area and is described as All of Section 29, Township 25 North, Range 6 West. The Twenty-Second revision is effective July 1, 1984 and is predicated upon the successful completion of the Canyon Largo Unit Well No. 343.

The Twenty-Third revision adds 1,601.68 acres to the Gallup Participating Area and is described as All of Section 20, All of Section 30 and the W/2 of Section 31, Township 25 North, Range 6 West. The Twenty-Third revision is effective August 1, 1984 and is predicated upon the successful completion of the Canyon Largo Unit Well Nos 342 and 344. The above mentioned revisions have this date been approved and are subject to like approval by the Bureau of Land Management.

The Bureau of Land Management has also advised this office that the Well No. 144 does not qualify as a unit well under the terms of the unit agreement. The Commissioner of Public Lands concurs with the Bureau of Land Management and we are also returning unapproved the schedules for the Twenty-Fourth and Twenty-Fifth revisions to the Gallup Participating Area. We will be awaiting your revised applications for these participating areas.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS
BY: [signature]
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
OGAD-Santa Fe, New Mexico

JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

January 5, 1987

Meridian Oil Inc.
ATTENTION: Mr. Van L. Goebel
P. O. Box 4289
Farmington, New Mexico 87499

Re: Canyon Largo Unit
Seventh through Sixteenth
Approved Gallup Expansions
Rio Arriba County, New Mexico

Gentlemen:

This office is in receipt of your letter of December 2, 1986 together with copies of the Seventh through Sixteenth Expanded Participating Areas for the Gallup formation which this office requested for the Canyon Largo Unit Area.

These instruments have been accepted and filed in our unit files.

Very truly yours,

W. R. Humphries
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando

FLOYD O. PRANDO, Director
Oil and Gas Division

cc: OCD-Santa Fe, New Mexico
OGAD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico

MERIDIAN OIL

December 23, 1986

FEDERAL EXPRESS

Bureau of Land Management
Attention: Mr. Sid Vogelpohl
435 Montano N. E.
Albuquerque, New Mexico 87107

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Twenty-fourth Expanded Participating
Area - Gallup Formation
Effective January 1, 1985

Gentlemen:

This is to advise that Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, does not agree with your interpretation of Section 9 of the Unit Agreement as it applies to the Canyon Largo Unit #144 well under the referenced expansion.

The language under Section 9 was written during the 1950's when the Canyon Largo Unit was first established and exploratory wells were being drilled to discover if there were commercial quantities of oil or gas present to warrant the establishment of a Federal unit. Under the Bureau of Land Management's interpretation in your letter dated October 28, 1986, it appears that if an operator had an existing well which declined in production from one formation and showed potential in another formation, the operator would not be able to recomplete in the new formation, but would have to plug and abandon the existing well and drill a new well. A prudent operator would not do this. If a prudent operator has an existing well which has declined in production from the Dakota formation and rather than plug the well, believes the Gallup formation is productive and recompletes it in the Gallup, how can the Bureau of Land Management arbitrarily rule that because the recompletion is less expensive, the well is not commercial because a new well was not drilled at a higher cost. How does the Bureau of Land Management determine what the costs should be to drill a well, in that wells are drilled under contracts which are taken on bid, thus enabling some operators to drill cheaper wells than others. Is the Bureau of Land Management attempting to fix prices for drilling cost of wells in the San Juan Basin? It is felt that by the Bureau of Land Management's interpretation of Section 9, operators are being penalized for prudently utilizing existing wells to their fullest benefit. The Bureau of Land Management should not arbitrarily assess additional costs on recompletions or plug backs, but should only determine the commerciality of the formation on the actual cost of the recompletion or plug back. This could stop further development of future productive formations which would be detrimental to the participating area working interest owners. Historically, wells have been recompleted or plugged back to productive formations and the Bureau of Land Management has determined them commercial and not penalized the operator for being prudent.

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499 Telephone 505-327-0251

If your Albuquerque office still holds to its interpretation of Section 9, Meridian hereby requests that this case be appealed to a higher authority. Please advise us of the appeal procedure.

Yours very truly,

Van L. Goebel
Landman

VLG/tlm
Canyon Largo Unit, 4.4
Doc. #0170L

xc: Mr. Randy Limbacher
Meridian Oil Inc.

Mr. Donald R. Read
Meridian Oil Inc.

Mr. J. Gregory Merrion
Merrion Oil & Gas Corporation

IN REPLY REFER TO:

United States Department of the Interior

Canyon Largo Unit
3160 (015)

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 Montano N.E.
Albuquerque, New Mexico 87107

OCT 23 1986

RECEIVED
OCT 30 1986
LAND
FARMINGTON

Meridian Oil
ATTN: Van L. Goebel
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

We have received your letter of April 1, 1986. You requested the approval of the 17th, 18th, 19th 20th, 21st, 22nd, 23rd, 24th, and 25th expanded Participating Area Gallup Formation, Canyon Largo Unit, Rio Arriba County, New Mexico; a notice of completion of seven additional wells in the Gallup Formation, upon acreage already committed to the Gallup Participating Area; and the notice of completion of 3 non-commerical wells in the Gallup Formation.

Meridian Oil, as unit operator, has determined that the Canyon Largo unit well No. 320, (located 860 feet from the North line and 1110 feet from the West line of section 1, T. 24 N., R. 6 W.), Canyon Largo unit well No. 182, (located 790 feet from the South line and 2790 feet from the East line, section 2, T. 24 N., R. 7 W.), and Box Canyon Comm well No. 1 (located 4200 feet from the South line and 720 feet from the West line, section 15, T. 25 N., R. 6 W.) are not capable of producing unitized substances in paying quantities from the Gallup Formation. This notice of completion of non-commercial wells is hereby accepted for the record.

Seven additional wells - the Canyon Largo unit wells No. 302 (E½ section 3, T. 24 N., R. 6 W.), No. 311 (W½ section 3, T. 24 N., R. 6 W.), No. 317 (W½ section 21, T. 25 N., R. 6 W.), No. 315 (W½ section 28, T. 25 N., R. 6 W.), No. 327 (E½ section 32, T. 25 N., R. 6 W), No. 338 (E½ section 6, T. 24 N., R. 6 W.) and No.341 (W½ section 1, T. 24 N., R. 7 W.) are capable of producing unitized substances from the Gallup Formation upon acreage already committed to the Gallup Participating Area. This notice of completion of additional wells is hereby accepted for the record.

The application for approval of the 17th revision seeks to add 320.00 acres described as the NW¼ section 10, T. 24 N., R. 6 W. and the NE¼ section 10, T. 24 N., R. 6 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canado Mesa Com No. 4 E and No. 4 wells. The 17th revision was approved on this date and is effective October 1, 1983.

The application for approval of the 18th revision seeks to add 675.3 acres described as the W½ section 5 and the E½ section 6, T. 24 N., R. 6 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo unit wells No. 328 and 331. The 18th revision was approved on this date and is effective December 1, 1983.

The application for approval of the 19th revision seeks to add 334.00 acres described as the E½ section 1, T. 24 N., R. 7 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo unit well No. 322. The 19th revision was approved on this date and is effective February 1, 1984.

The application for approval of the 20th revision seeks to add 160.00 acres described as the NW¼ section 32, T. 25 N., R. 6 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo unit well No. 335. The 20th revision was approved on this date and is effective May 1, 1984.

The application for approval of the 21st revision seeks to add 335.60 acres described as the W½ section 1, T. 25 N., R. 7 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo unit well No. 333. The 21st revision was approved on this date and is effective June 1, 1984.

The application for approval of the 22nd revision seeks to add 640.00 acres described as all of section 29, T. 25 N., R. 6 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo unit well No. 343 and the intervening Drilling Block in the E½ section 29. The 22nd revision was approved on this date and is effective July 1, 1984.

The application for approval of the 23nd revision seeks to add 1601.68 acres described as all of section 20, all of section 30, W½ section 31, T. 25 N., R. 6 W., NMPM, to the Gallup Participating Area. Contributing to this area is the completion of the Canyon Largo unit well No. 342, No. 344 and the intervening Drilling Block in the E½ section 20, E½ section 30 and the W½ section 31. The 23rd revision was approved on this date and is effective August 1, 1984.

The application for approval of the 24th revision cannot be approved. The BLM's interpretation of section 9 of the unit agreement (quanities sufficient to repay the costs of drilling, and producing operations, with a reasonable profit), is that a well will qualify as a unit well only if it repays the cost of drilling to the Gallup Formation (not recompleting a well in the Formation). In doing an economic analysis, the BLM uses the actual drilling cost, if available, or the average cost of drilling and completing a well to a given depth. After doing an economic analysis on the Canyon Largo well No. 144, it was determined that the well does not qualify as a unit well under the terms of the unit agreement. We are returning unapproved the schedules for the 24th and 25th revisions to the Gallup Participating Area. Please resubmit the applications along with revised schedules for the 24th and 25th revisions to the Gallup Participating Areas.

If you have any questions regarding the above actions, please contact Gail Keller at the above address or telephone (505) 766-2841.

Sincerely,

Sid Vaughn

For District Manager

Enclosures

MERIDIAN OIL

RECEIVED
AUG 22 1986
OIL CONSERVATION DIVISION
SANTA FE

August 19, 1986

Bureau of Land Management
South Central Region
Attention: District Manager
435 Montano Road, N.E.
Albuquerque, New Mexico 87107

Commissioner of Public Lands
Attention: Mr. Pete Martinez
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Attention: Mr. David Catanach
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: Canyon Largo Unit
Rio Arriba County, New Mexico

Gentlemen:

By Conveyance dated July 16, 1986, El Paso Natural Gas Company conveyed all of its rights in various leases, lands and wells to El Paso Production Company. Included in these properties were all of Gas Company's rights in the referenced Unit.

Meridian Oil Inc. is in the process of replacing El Paso Natural Gas Company as operator of the wells and units (including the Canyon Largo Unit) transferred by the Conveyance of July 16, 1986, and will operate these properties on behalf of El Paso Production Company.

El Paso Natural Gas Company and Meridian Oil Inc. are wholly owned subsidiaries of Burlington Northern, Inc., and El Paso Production Company is a wholly owned subsidiary of El Paso Natural Gas Company.

All correspondence pertaining to the referenced unit should be directed to the same individuals at the same addresses as in the past. If you have any questions or comments concerning this matter, or this letter, please contact the undersigned.

Copies of this letter are being sent to the working interest owners of the above referenced unit.

Yours very truly,

Alan Alexander

Alan Alexander
District Land Manager

AA/tlm
Canyon Largo Unit, 5.0
Doc. #0794L

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Jack Cayias

Conoco, Inc.

J. B. Davis & Paulene D. Davis

Dugan Production Corporation

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing Inc.

Richard T.C. Tully

J. Glenn Turner, Jr. &
MBank Dallas, N.A. Trustee,
for the benefit of
Mary Frances Truner, Jr. (6743)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Union Oil Company of California

Mr. William G. Webb

The Wiser Oil Company

MERIDIAN OIL

April 1, 1986

#541

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
SEVENTEENTH, EIGHTEENTH, NINETEENTH, TWENTIETH, TWENTY-FIRST, TWENTY-SECOND, TWENTY-THIRD, TWENTY-FOURTH (Revised) and the TWENTY-FIFTH
Expanded Participating Area
Gallup Formation Effective
October 1, 1983, December 1, 1983, February 1, 1984, May 1, 1984, June 1, 1984, July 1, 1984, August 1, 1984, January 1, 1985, and April 1, 1985
Respectively

NOTICE OF COMPLETION OF ADDITIONAL WELLS AND NON-COMMERCIAL WELLS
Gallup Formation

Gentlemen:

As per your request we are resubmitting the Seventeenth through the Twenty-fourth Gallup Participating Area expansions for the Canyon Largo Unit. Also the Twenty-fifth Gallup Participating Area expansion is being submitted at this time.

Meridian Oil Inc., 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251

Pursuant to Section 11 of the Canyon Largo Unit Agreement, #14-08-001-1059, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Gallup Formation and that the Participating Area for the Gallup Formation is expanded accordingly as follows:

SEVENTEENTH EXPANDED PARTICIPATING AREA - EFFECTIVE OCTOBER 1, 1983

Drilling Block	Net Acres	Well No.
NW/4 Section 10, 24N-6W (S/2 NW/4 only acreage committed to Unit)	160.00	Canada Mesa Com #4 E
NE/4 Section 10, 24N-6W (S/2 NE/4 only acreage committed to Unit)	160.00	Canada Mesa Com #4 (Brought in as an IDB)

The Canada Mesa Com #4 E well was completed on September 21, 1983. The Gallup Formation was tested on September 28, 1983. On a twenty-four (24) hour flowing test on September 28, 1983, the well produced 62 BOPD and 282 MCF/D through a 3/4" choke. The spacing unit for this well is described as the NW/4 of Section 10, Township 24 North, Range 6 West, N.M.P.M., containing 160.00 acres.

The Canada Mesa Com #4 well was completed on September 10, 1983. The Gallup Formation was tested on October 20, 1983. On a twenty-four (24) hour flowing test on October 20, 1983, the well produced 66 BOPD and 460 MCF/D through a 3/4" choke. The spacing unit for this well is described as the NE/4 of Section 10, Township 24 North, Range 6 West, N.M.P.M., containing 160.00 acres.

EIGHTEENTH EXPANDED PARTICIPATING AREA - EFFECTIVE DECEMBER 1, 1983

Drilling Block	Net Acres	Well No.
W/2 Section 5, 24N-6W	337.85	328
E/2 Section 6, 24N-6W (Brought in as an IDB)	337.45	331

The Canyon Largo Unit #328 well was completed on November 26, 1983. The Gallup Formation was tested on November 27, 1983. On a twenty-four (24) hour flowing test on November 27, 1983, the well produced 39 BOPD and 113 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 5, Township 24 North, Range 6 West, N.M.P.M., containing 337.85 acres.

The Canyon Largo Unit #331 well was completed on April 13, 1984. The Gallup Formation was tested on April 24, 1984. On a twenty-four (24) hour flowing test on April 24, 1984, the well produced 103 BOPD and 216 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 6, Township 24 North, Range 6 West, N.M.P.M., containing 337.45 acres.

NINETEENTH EXPANDED PARTICIPATING AREA - EFFECTIVE FEBRUARY 1, 1984

Drilling Block	Net Acres	Well No.
E/2 Section 1, 24N-7W	334.00	332

The Canyon Largo Unit #332 well was completed on December 18, 1983. The Gallup Formation was tested on January 6, 1984. On a twenty-four (24) hour flowing test on January 6, 1984, the well produced 140 BOPD and 194 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 1, Township 24 North, Range 7 West, N.M.P.M., containing 334.00 acres.

TWENTIETH EXPANDED PARTICIPATING AREA - EFFECTIVE MAY 1, 1984

Drilling Block	Net Acres	Well No.
NW/4 Section 32, 25N-6W (only acreage committed to Unit)	160.00	335

The Canyon Largo Unit #335 well was completed March 27, 1984. The Gallup formation was tested on April 2, 1984. On a fourteen (14) hour flowing test on April 2, 1984, the well produced 207 BOPD and 690 MCF/D through a 22/64" choke. The spacing unit for this well is described as the NW/4 of Section 32, Township 25 North, Range 6 West, N.M.P.M., containing 160.00 acres.

TWENTY-FIRST EXPANDED PARTICIPATING AREA - EFFECTIVE JUNE 1, 1984

Drilling Block	Net Acres	Well No.
W/2 Section 1, 24N-7W	335.60	333

The Canyon Largo Unit #333 well was completed March 20, 1984. The Gallup Formation was tested on May 2, 1984. On a twenty-four (24) hour pumping test, the well produced 65 BOPD and 75 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 1, Township 24 North, Range 7 West, N.M.P.M., containing 335.60 acres.

TWENTY-SECOND EXPANDED PARTICIPATING AREA - EFFECTIVE JULY 1, 1984

Drilling Block	Net Acres	Well No.
W/2 Section 29, 25N-6W	320.00	#343
E/2 Section 29, 25N-6W	320.00	Intervening Drilling Block

The Canyon Largo Unit #343 well was completed June 19, 1984. The Gallup Formation was tested on June 19, 1984. On a twenty-four (24) hour flowing test, the well produced 100 BOPD and 345 MCF/D through a -0- choke. The spacing unit for this well is described as the W/2 of Section 29, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

TWENTY-THIRD EXPANDED PARTICPATING AREA - EFFECTIVE AUGUST 1, 1984

Drilling Block	Net Acres	Well No.
W/2 Section 20, 25N-6W	320.00	#342
W/2 Section 30, 25N-6W	321.04	#344
E/2 Section 20, 25N-6W	320.00	Intervening Drilling Block
E/2 Section 30, 25N-6W	320.00	Intervening Drilling Block
W/2 Section 31, 25N-6W	320.64	Intervening Drilling Block

The Canyon Largo Unit #342 well was completed July 25, 1984. The Gallup Formation was tested on July 25, 1984. On a twenty-four (24) hour flowing test, the well produced 107 BOPD and 247 MCF/D through a -0- choke. The spacing unit for this well is described as the W/2 of Section 20, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #344 well was completed July 3, 1984. The Gallup Formation was tested on July 3, 1984. On a twenty-four (24) hour flowing test, the well produced 351 BOPD and 503 MCF/D through a -0- choke. The spacing unit for this well is described as the W/2 of Section 30, Township 25 North, Range 6 West, N.M.P.M., containing 321.04 acres.

TWENTY-FOURTH EXPANDED PARTICIPATING AREA - EFFECTIVE JANUARY 1, 1985

Drilling Block	Net Acres	Well No.
W/2 Section 17, 25N-6W	320.00	#144
*W/2 NW/4, SE/4 NW/4, SW/4 Section 20, 24N-6W	280.00	#324 (gas well)

*The NE/4 NW/4 is being excluded since unit well #106 was completed as a non-commercial well.

The effective date of January 1, 1985, established for the #324 well is predicated on the following.

Under Section 11 of the Canyon Largo Unit Agreement it states:

"Additional Drilling Blocks....shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block..."

The Canyon Largo Unit #324 well was completed April 4, 1984. The Gallup formation was tested April 4, 1984, and on a twenty-four (24) hour flowing test, the well produced -0- BOPD and 40 MCF/D. A pump jack was installed to remove the condensate and during the month of December 1984 produced commercial quantities of gas. On December 26, 1984, the well produced 212 MCF/D and on December 31, 1984, produced 193 MCF/D. The spacing unit for this well is described as the W/2 of Section 20, Township 24 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #144 well was completed December 12, 1984. The Gallup formation was tested on December 12, 1984. On a twenty-four (24) hour flowing test, the well produced 35.5 BOPD and 695 MCF/D. The spacing unit for this well is described as the W/2 of Section 17, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

TWENTY-FIFTH EXPANDED PARTICIPATING AREA - EFFECTIVE APRIL 1, 1985

Drilling Block	Net Acres	Well Name
E/2 Section 36, 25N-7W	320.00	#345

The Canyon Largo Unit #345 well was completed March 8, 1985. The Gallup formation was tested March 27, 1985. On a twenty-four (24) hour flowing test, the well produced 58 BOPD and 259 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 36, Township 25 North, Range 7 West, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF ADDITIONAL WELLS

Seven (7) additional wells capable of producing in unitized substances from the Gallup Formation have been completed upon acreage already committed to the Gallup Participating Area. The acreage dedicated to the #302 and #311 wells were brought into the Participating Area by the Seventh Expansion. The acreage dedicated to the #317 well was brought into the Participating Area by the Fourteenth Expansion. The acreage dedicated to the #315 well was brought into the Participating Area by the Fifteenth Expansion. The acreage dedicated to the #327 well was brought into the Participating Area by the Sixteenth Expansion. The acreage dedicated to the #338 well was brought into the Participating Area by the Eighteenth Expansion. The acreage dedicated to the #341 well was brought into the Participating Area by the Twenty-first Expansion.

These wells are as follows:

The Canyon Largo Unit #302 well was completed June 5, 1981. The Gallup Formation was tested on June 23, 1981. On a twenty-four (24) hour flowing test on June 23, 1981, the well produced 65 BOPD and 238 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 3, Township 24 North, Range 6 West, N.M.P.M., containing 341.35 acres.

The Canyon Largo Unit #311 well was completed February 18, 1982. The Gallup Formation was tested on February 18, 1982. On a twenty-four (24) hour flowing test on February 18, 1982 the well produced 235 BOPD and 350 MCF/D through a 1/2" choke. The spacing unit for this well is described as the W/2 of Section 3, Township 24 North, Range 6 West, containing 340.15 acres.

The Canyon Largo Unit #317 well was completed on June 7, 1983. The Gallup Formation was tested on June 7, 1983. On a twenty-four (24) hour flowing test on June 7, 1983, the well produced 166 BOPD and 320 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 21, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #315 well was completed on December 9, 1982. The Gallup Formation was tested on December 8, 1982. On a sixteen and one-half (16.5) hour flowing test on December 8, 1982, the well produced 155 BOPD and 230 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 28, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #327 well was completed on December 10, 1983. The Gallup Formation was tested on January 10, 1984. On a twenty-four (24) hour flowing test on January 10, 1984, the well produced 50 BOPD and 140 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 32, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo #338 well was completed August 20, 1984. The Gallup Formation was tested on September 20, 1984. On a twenty-four (24) hour pumping test, the well produced 45 BOPD and 65 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 6, Township 24 North, Range 6 West, N.M.P.M., containing 337.45 acres.

The Canyon Largo Unit #341 well was completed September 14, 1984. The Gallup Formation was tested on September 20, 1984. On a twenty-four (24) hour flowing test, the well produced 68 BOPD and 231 MCF/D through a 32/64" choke. The spacing unit for this well is described as the W/2 of Section 1, Township 24 North, Range 7 West, N.M.P.M., containing 335.60 acres.

NOTICE OF COMPLETION OF NON-COMMERCIAL WELLS

Three (3) wells have been determined non-commercial for unit purposes and will not be brought into the Gallup Participating Area. The wells are as follows:

The Box Canyon Com #1 well was completed on February 11, 1984. The Gallup Formation was tested on March 18, 1984. On a twenty-four (24) hour flowing test on March 18, 1984, the well produced 10 BOPD and 116 MCF/D through a 3/4" choke. The spacing unit for this well is described as the SW/4 (N/2 SW/4 only portion committed to Unit) of Section 15, Township 25 North, Range 6 West, N.M.P.M., containing 160.00 acres.

The Canyon Largo Unit #320 well was completed on March 5, 1983. The Gallup Formation was completed on March 16, 1983. On a twenty-four (24) hour flowing test on March 16, 1983, the well produced 26 BOPD and 125 MCF/D through a 64/64" choke. During the month of July, 1984 and since that time the #320 has only produced 2 to 3 BOPD and 28 MCF/D. The spacing unit for this well is described as the NW/4 (only portion committed to Unit) of Section 1, Township 24 North, Range 6 West, N.M.P.M., containing 182.45 acres.

The Canyon Largo Unit #182 well was completed October 19, 1984. The Gallup Formation was tested on November 4, 1984. On a twenty-four (24) hour flowing test, the well produced 26 BOPD and 69 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 2, Township 24 North, Range 7 West, N.M.P.M., containing 333.26 acres.

Inasmuch as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made, therefore, and in the absence of disapproval, the Seventeenth through Twenty-fifth Participating Area for the Gallup Formation will become effective as of October 1, 1983, December 1, 1983, February 1, 1984, May 1, 1984, June 1, 1984, July 1, 1984, August 1, 1984, January 1, 1985 and April 1, 1985, respectively.

Attached hereto are Schedules XVIII, XIX, XX, XXI, XXII, XXIII, XXIV, XXV, and IIVI showing the Seventeenth through Twenty-fifth Expanded Participating Area for the Gallup Formation of the Canyon Largo Unit. These schedules describe the Participating Areas and show the percentages of unitized substances allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel

Van L. Goebel
Landman

VLG:LD:gm
enclosures
Canyon Largo Unit, 4.4
Doc. #0170L

CANYON LARGO UNIT WORKING INTEREST OWNERS
GALLUP PARTICIPATING AREA

Mr. Robert L. Bayless

Mr. Steven S. Dunn

El Paso Natural Gas Company

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Meridian Oil Production, Inc.

Fina Oil & Chemical Company

Kimbell Oil Company of Texas

Mr. Donald J. Merrion, Jr.

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Texaco Producing Inc.

The Wiser Oil Company

DATE: 12-10-85

SCHEDULE XVIII
17th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			4.550050%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING, INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			* TRACT 16			26.717893%
SF-078874	24N, 6W	1879.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 7-10, SE/4		MERRION OIL & GAS CORP	78.750000%	78.750000%	
	Sec. 6: LOTS 5,6,11,12, E/2SW/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			** TRACT 17			9.100100%
SF-078875	25N, 6W	640.00				
	Sec. 33: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			EL PASO EXPLORATION COMPANY	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			* TRACT 19A			27.300299%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORP	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	

DATE: 12-10-85

SCHEDULE XVIII
17th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			* TRACT 28			9.100100%
SF-078886	24N, 6W	640.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORP	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			* TRACT 32			1.618822%
SF-078957	24N, 6W	113.85				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1,2		MERRION OIL & GAS CORP	78.750000%	78.750000%	
	Sec. 6: LOTS 3,4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 36			2.275025%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORP	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST.

DATE: 12-10-85

SCHEDULE XVIII
17th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36A			7.962587%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORP	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF #313, 314, 316, AND 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WORKING INTERST					
			TRACT 37			0.568756%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORP	81.500000%	81.500000%	
			ORRI;	6.000000%	6.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE GONZALES COM. #1 WELL A.G. HILL WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 37A			3.981294%
SF-079071A	25N, 6W	280.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
	Sec. 27: N/2 NW/4, SW/4 NW/4		Working Interest:			
			SIMS OIL COMPANY	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION INC.	2.110000%	2.110000%	
			KATHERINE FIKES	2.110000%	2.110000%	
			ROBERT BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORP	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 12-10-85

SCHEDULE XVIII
17th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 55			4.550050%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORP	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 78			2.275024%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORP	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 12-10-85

SCHEDULE XVIII
RECAPITULATION

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1,2
: LOTS 7-10, SE/4
Section 6: LOTS 3,4
: LOTS 5,6,11,12, E/2SW/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL

Township 25N, Range 6W, NEWM

Section 21: W/2, S/2SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 32: E/2
Section 33: ALL

Total Acres Committed: 7,032.89

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 7,192.89

* Tracts 16, 19A, 28 & 32

Gas and Condensate is owned by El Paso Natural Gas Company
Oil and Casinghead Gas is owned by Merrion Oil & Gas

** Tract 17

Gas and Condensate is owned by El Paso Natural Gas Company
Oil and Casinghead Gas is owned by Meridian Oil

Effective Date: 10-01-83

EXPANSION ORDERS BILLING ANALYSIS
UNITS CANYON LARGO TO CANYON LARGO
TOTAL COMMITED ACRES BY OPERATOR

CANYON LARGO

EXPN ORD	COMMITTED ACRES	WORKING INTEREST OWNER	PART/FACTOR
071GL.17	320.00	TEXACO PRODUCING, INC.	4.550050
	5,897.92	MERRION OIL & GAS CORP	83.861984
	640.00	EL PASO EXPLORATION COMPANY	9.100100
	52.47	SIMS OIL COMPANY	0.746124
	8.75	LELAND FIKES FOUNDATION INC.	0.124452
	8.75	KATHERINE FIKES	0.124452
	104.99	ROBERT BAYLESS	1.492838
	7,032.89		100.000000

DATE: 01-22-86

SCHEDULE XIX
18th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			4.151429%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			* TRACT 16			32.680046%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2SW/4, SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			** TRACT 17			8.302857%
SF-078875	25N, 6W	640.00				
	Sec. 33: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			* TRACT 19A			24.908571%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	

DATE: 01-22-86

SCHEDULE XIX
18th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			* TRACT 28			8.302857%
SF-078886	24N, 6W	640.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			* TRACT 32			1.934955%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 36			2.075714%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST.

DATE: 01-22-86

SCHEDULE XIX
18th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36A			7.265000%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF #313, 314, 316, AND 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WORKING INTERST					
			TRACT 37			0.518929%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE GONZALES COM. #1 WELL A.G. HILL WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 37A			2.075714%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	

Effective Date: 12-01-85

DATE: 01-22-86

SCHEDULE XIX
18th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37B			1.556786%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 55			4.151428%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO
WILL BACKIN FOR A 50% WORKING INTEREST

Effective Date: 12-01-83

DATE: 01-22-86

SCHEDULE XIX
18th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 78			2.075714%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

Effective Date: 12-01-83

DATE: 01-22-86

SCHEDULE XIX
RECAPITULATION

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2SW/4, SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL

Township 25N, Range 6W, NEWM

Section 21: W/2, S/2SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 32: E/2
Section 33: ALL

Total Acres Committed: 7,708.19

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 7,868.19

* Tracts 16, 19A, 28 & 32

Gas and Condensate is owned by El Paso Natural Gas Company
Oil and Casinghead Gas is owned by Merrion Oil & Gas

** Tract 17

Gas and Condensate is owned by El Paso Natural Gas Company
Oil and Casinghead Gas is owned by Meridian Oil

Effective Date: 12-01-83

DATE: 02-19-86

SCHEDULE XXI
20th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			3.901397%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 16			30.711798%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2 SW/4,SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 17			7.802794%
SF-078875	25N, 6W	640.00				
	Sec. 33: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					

SCHEDULE XXI
20th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19A			23.408382%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 28			7.802794%
SF-078886	24N, 6W	640.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 29A			3.096733%
SF-078922	24N, 7W	254.00				
	Sec. 1: LOTS 1,2, 7-10, N/2 SE/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					

SCHEDULE XXI
20th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			1.818416%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 36			1.950699%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP WILL BACK IN FOR A 50% WORKING INTEREST.					
			TRACT 36A			6.827445%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2 SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF CLU 313, 314, 316 & 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WI					

SCHEDULE XXI
20th. EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			0.487675%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
			TRACT 37A			1.950699%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 37B			1.463024%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	

SCHEDULE XXI
20th. EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 43			0.975349%
SF-079915	24N, 7W	80.00				
	Sec. 1: S/2 SE/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 55			3.901397%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO					
	WILL BACKIN FOR A 50% WORKING INTEREST					

SCHEDULE XXI
20th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 56A			1.950699%
E-291-5	25N, 6W	160.00				
	Sec. 32: NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: AFTER PAYOUT OF THE #335 WELL ARCO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 78			1.950699%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-19-86

SCHEDULE XXI

R E C A P I T U L A T I O N

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2 SW/4,SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL

Township 24N, Range 7W, NEWM

Section 1: S/2 SE/4
: LOTS 1,2, 7-10, N/2 SE/4

Township 25N, Range 6W, NEWM

Section 21: W/2, S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 32: NW/4
: E/2
Section 33: ALL

Total Acres Committed: 8,202.19

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 8,362.19

DATE: 02-19-86

SCHEDULE XX
19th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			3.979016%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 16			31.322811%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2 SW/4,SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 17			7.958031%
SF-078875	25N, 6W	640.00				
	Sec. 33: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					

SCHEDULE XX
19th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19A			23.874094%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 28			7.958031%
SF-078886	24N, 6W	640.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 29A			3.158344%
SF-078922	24N, 7W	254.00				
	Sec. 1: LOTS 1,2, 7-10, N/2 SE/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					

DATE: 02-19-86

SCHEDULE XX
19th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			1.854594%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 36			1.989508%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP WILL BACK IN FOR A 50% WORKING INTEREST.					
			TRACT 36A			6.963277%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2 SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF CLU 313, 314, 316 & 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WI					

SCHEDULE XX
19th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			0.497377%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
			TRACT 37A			1.989508%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 37B			1.492131%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	

SCHEDULE XX
19th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 43			0.994754%
SF-079915	24N, 7W	80.00				
	Sec. 1: S/2 SE/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G

			TRACT 55			3.979016%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO
WILL BACKIN FOR A 50% WORKING INTEREST

DATE: 02-19-86

SCHEDULE XX
19th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 78			1.989508%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-19-86

SCHEDULE XX

R E C A P I T U L A T I O N

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2 SW/4,SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL

Township 24N, Range 7W, NEWM

Section 1: S/2 SE/4
: LOTS 1,2, 7-10, N/2 SE/4

Township 25N, Range 6W, NEWM

Section 21: W/2, S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 32: E/2
Section 33: ALL

Total Acres Committed: 8,042.19

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 8,202.19

DATE: 02-20-86

SCHEDULE XXII
21st EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			3.748043%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 16			29.504591%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2 SW/4,SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 17			7.496085%
SF-078875	25N, 6W	640.00				
	Sec. 33: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					

DATE: 02-20-86

SCHEDULE XXII
21st EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19A			22.488255%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 28			7.496085%
SF-078886	24N, 6W	640.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 29A			6.437263%
SF-078922	24N, 7W	549.60				
	Sec. 1: LOTS 1-12, N/2 S/2, SW/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					

DATE: 02-20-86

SCHEDULE XXII
21st EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			1.746939%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 36			1.874021%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP WILL BACK IN FOR A 50% WORKING INTEREST.					
			TRACT 36A			6.559074%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2 SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF CLU 313, 314, 316 & 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WI					

SCHEDULE XXII
21st EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			0.468505%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
			TRACT 37A			1.874021%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 37B			1.405516%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	

SCHEDULE XXII
21st EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 43			1.405516%
SF-079915	24N, 7W	120.00				
	Sec. 1: S/2 SE/4, SE/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G

			TRACT 55			3.748043%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO
WILL BACKIN FOR A 50% WORKING INTEREST

DATE: 02-20-86

SCHEDULE XXII
21st EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 56A			1.874021%
E-291-5	25N, 6W	160.00				
	Sec. 32: NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: AFTER PAYOUT OF THE #335 WELL ARCO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 78			1.874022%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-20-86

SCHEDULE XXII

R E C A P I T U L A T I O N

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2 SW/4,SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL

Township 24N, Range 7W, NEWM

Section 1: S/2 SE/4, SE/4 SW/4
: LOTS 1-12, N/2 S/2, SW/4 SW/4

Township 25N, Range 6W, NEWM

Section 21: W/2, S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 32: NW/4
: E/2
Section 33: ALL

Total Acres Committed: 8,537.79

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 8,697.79

DATE: 02-20-86

SCHEDULE XXIII
22nd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			3.486678%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 16			27.447131%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2 SW/4,SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 17			13.946713%
SF-078875	25N, 6W	1280.00				
	Sec. 29: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 33: ALL		Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					

SCHEDULE XXIII
22nd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19A			20.920069%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 28			6.973356%
SF-078886	24N, 6W	640.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 29A			5.988370%
SF-078922	24N, 7W	549.60				
	Sec. 1: LOTS 1-12, N/2 S/2, SW/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					

SCHEDULE XXIII
22nd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			1.625119%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G

			TRACT 36			1.743339%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP
WILL BACK IN FOR A 50% WORKING INTEREST.

			TRACT 36A			6.101687%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2 SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	

REMARKS:
APO OF CLU 313, 314, 316 & 317 WELLS PWG
PARTNERSHIP WILL BACKIN FOR A 50% WI

SCHEDULE XXIII
22nd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			0.435835%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
			TRACT 37A			1.743339%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 37B			1.307504%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	

SCHEDULE XXIII
22nd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 43			1.307504%
SF-079915	24N, 7W	120.00				
	Sec. 1: S/2 SE/4, SE/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 55			3.486678%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO					
	WILL BACKIN FOR A 50% WORKING INTEREST					

SCHEDULE XXIII
22nd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 56A			1.743339%
E-291-5	25N, 6W	160.00				
	Sec. 32: NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: AFTER PAYOUT OF THE #335 WELL ARCO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 78			1.743339%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-20-86

SCHEDULE XXIII

R E C A P I T U L A T I O N

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2 SW/4,SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL

Township 24N, Range 7W, NEWM

Section 1: S/2 SE/4, SE/4 SW/4
: LOTS 1-12, N/2 S/2, SW/4 SW/4

Township 25N, Range 6W, NEWM

Section 21: W/2, S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 29: ALL
Section 32: NW/4
: E/2
Section 33: ALL

Total Acres Committed: 9,177.79

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 9,337.79

DATE: 02-20-86

SCHEDULE XXIV
23rd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			2.968606%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 16			23.368867%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2 SW/4,SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 17			20.795828%
SF-078875	25N, 6W	2241.68				
	Sec. 29: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 30: ALL		Working Interest:			
	Sec. 31: W/2		MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
	Sec. 33: ALL		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					

DATE: 02-20-86

SCHEDULE XXIV
23rd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19A			17.811636%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 24			5.937212%
SF-078882	25N, 6W	640.00				
	Sec. 20: ALL		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
			TRACT 28			5.937212%
SF-078886	24N, 6W	640.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					

SCHEDULE XXIV
23rd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 29A			5.098581%
SF-078922	24N, 7W	549.60				
	Sec. 1: LOTS 1-12, N/2 S/2, SW/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 32			1.383649%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 36			1.484303%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP WILL BACK IN FOR A 50% WORKING INTEREST.					

SCHEDULE XXIV
23rd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36A			5.195061%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2 SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF CLU 313, 314, 316 & 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WI					
			TRACT 37			0.371076%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
			TRACT 37A			1.484303%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-20-86

SCHEDULE XXIV
23rd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37B			1.113227%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 43			1.113227%
SF-079915	24N, 7W	120.00				
	Sec. 1: S/2 SE/4, SE/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G

SCHEDULE XXIV
23rd EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 55			2.968606%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 56A			1.484303%
E-291-5	25N, 6W	160.00				
	Sec. 32: NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: AFTER PAYOUT OF THE #335 WELL ARCO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 78			1.484303%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-20-86

SCHEDULE XXIV

R E C A P I T U L A T I O N

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2 SW/4,SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL

Township 24N, Range 7W, NEWM

Section 1: S/2 SE/4, SE/4 SW/4
: LOTS 1-12, N/2 S/2, SW/4 SW/4

Township 25N, Range 6W, NEWM

Section 20: ALL
Section 21: W/2, S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 29: ALL
Section 30: ALL
Section 31: W/2
Section 32: NW/4
: E/2
Section 33: ALL

Total Acres Committed: 10,779.47

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 10,939.47

DATE: 02-24-86

SCHEDULE XXV
24th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			2.812082%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 16			22.136708%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2 SW/4,SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 17			19.699336%
SF-078875	25N, 6W	2241.68				
	Sec. 29: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 30: ALL		Working Interest:			
	Sec. 31: W/2		MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
	Sec. 33: ALL		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG OIL RIGHTS ARE OWNED BY MERIDIAN OIL					

SCHEDULE XXV
24th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19A			16.872491%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 24			8.436245%
SF-078882	25N, 6W	960.00				
	Sec. 17: W/2		Royalty;	12.500000%	0.000000%	
	Sec. 20: ALL		Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
			TRACT 28			8.084735%
SF-078886	24N, 6W	920.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 20: W/2 NW/4, SE/4 NW/4, SW/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	54.782600%	54.782600%	
			EL PASO NATURAL GAS CO	23.967400%	23.967400%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
	#324 GL WELL DETERMINED GAS WELL, EPNG WILL GET					
	PRODUCT FROM THIS WELL IN SEC. 20.					

DATE: 02-24-86

SCHEDULE XXV
24th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 29A			4.829750%
SF-078922	24N, 7W	549.60				
	Sec. 1: LOTS 1-12, N/2 S/2, SW/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 32			1.310694%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 36			1.406041%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP WILL BACK IN FOR A 50% WORKING INTEREST.					

SCHEDULE XXV
24th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36A			4.921143%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2 SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	APO OF CLU 313, 314, 316 & 317 WELLS PWG					
	PARTNERSHIP WILL BACKIN FOR A 50% WI					
			TRACT 37			0.351510%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	APO OF THE GONZALES COM #1 WELL, A. G. HILL					
	WILL BACKIN FOR A 50% WI					
			TRACT 37A			1.406041%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XXV
24th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 378			1.054531%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 43			1.054531%
SF-079915	24N, 7W	120.00				
	Sec. 1: S/2 SE/4, SE/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G

SCHEDULE XXV
24th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 55			2.812082%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 56A			1.406040%
E-291-5	25N, 6W	160.00				
	Sec. 32: NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: AFTER PAYOUT OF THE #335 WELL ARCO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 78			1.406040%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-24-86

SCHEDULE XXV
RECAPITULATION

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2 SW/4,SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL
Section 20: W/2 NW/4, SE/4 NW/4, SW/4

Township 24N, Range 7W, NEWM

Section 1: S/2 SE/4, SE/4 SW/4
: LOTS 1-12, N/2 S/2, SW/4 SW/4

Township 25N, Range 6W, NEWM

Section 17: W/2
Section 20: ALL
Section 21: W/2, S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 29: ALL
Section 30: ALL
Section 31: W/2
Section 32: NW/4
: E/2
Section 33: ALL

Total Acres Committed: 11,379.47

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 11,539.47

DATE: 02-24-86

SCHEDULE XXVI
25th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			2.735167%
SF-078628A	24N, 6W	320.00				
	Sec. 15: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			TEXACO PRODUCING INC.	85.000000%	85.000000%	
			ORRI;	2.500000%	2.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 16			21.531232%
SF-078874	24N, 6W	2519.04				
	Sec. 3: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 5-12, SE/4, SW/4		Working Interest:			
	Sec. 5: LOTS 5-12, S/2		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 5-14, E/2 SW/4,SE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 17			19.160526%
SF-078875	25N, 6W	2241.68				
	Sec. 29: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 30: ALL		Working Interest:			
	Sec. 31: W/2		MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
	Sec. 33: ALL		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS RIGHTS ARE OWNED BY EPNG OIL RIGHTS ARE OWNED BY MERIDIAN OIL					

DATE: 02-24-86

SCHEDULE XXVI
25th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19A			16.411000%
SF-078877	24N, 6W	1920.00				
	Sec. 8: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 9: ALL		Working Interest:			
	Sec. 11: ALL		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 24			8.205500%
SF-078882	25N, 6W	960.00				
	Sec. 17: W/2		Royalty;	12.500000%	0.000000%	
	Sec. 20: ALL		Working Interest:			
			MERIDIAN OIL PRODUCTION INC.	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS:					
	GAS RIGHTS ARE OWNED BY EPNG					
	OIL RIGHTS ARE OWNED BY MERIDIAN OIL					
			TRACT 28			7.863604%
SF-078886	24N, 6W	920.00				
	Sec. 17: ALL		Royalty;	12.500000%	12.500000%	
	Sec. 20: W/2 NW/4, SE/4 NW/4, SW/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	54.782600%	54.782600%	
			EL PASO NATURAL GAS CO	23.967400%	23.967400%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS:					
	GAS & CONDENSATE IS OWNED BY EPNG					
	OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
	#324 GL WELL DETERMINED GAS WELL, EPNG WILL GET					
	PRODUCT FROM THIS WELL IN SEC. 20.					

DATE: 02-24-86

SCHEDULE XXVI
25th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 29A			4.697649%
SF-078922	24N, 7W	549.60				
	Sec. 1: LOTS 1-12, N/2 S/2, SW/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 32			1.274844%
SF-078957	24N, 6W	149.15				
	Sec. 3: LOTS 1-4		Royalty;	12.500000%	12.500000%	
	Sec. 4: LOTS 1-4		Working Interest:			
	Sec. 5: LOTS 1-4		MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
	Sec. 6: LOTS 1-4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: GAS & CONDENSATE IS OWNED BY EPNG OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G					
			TRACT 36			1.367583%
SF-079071B	25N, 6W	160.00				
	Sec. 28: NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	76.560000%	76.560000%	
			ORRI;	10.940000%	10.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #319 WELL PWG PARTNERSHIP WILL BACK IN FOR A 50% WORKING INTEREST.					

SCHEDULE XXVI
25th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36A			4.786542%
SF-079071	25N, 6W	560.00				
	Sec. 21: W/2, S/2 SE/4		Royalty;	12.500000%	12.500000%	
	Sec. 28: NE/4		Working Interest:			
			MERRION OIL & GAS CORPORATION	71.560000%	71.560000%	
			ORRI;	15.940000%	15.940000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF CLU 313, 314, 316 & 317 WELLS PWG PARTNERSHIP WILL BACKIN FOR A 50% WI					
			TRACT 37			0.341896%
SF-079071A	25N, 6W	40.00				
	Sec. 22: SW/4 SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	31.250000%	31.250000%	
			R. L. BAYLESS	31.250000%	31.250000%	
			ORRI;	25.000000%	25.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: APO OF THE GONZALES COM #1 WELL, A. G. HILL WILL BACKIN FOR A 50% WI					
			TRACT 37A			1.367583%
SF-079071A	25N, 6W	160.00				
	Sec. 28: SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			KIMBELL OIL COMPANY OF TEXAS	12.650000%	12.650000%	
			LELAND FIKES FOUNDATION, INC.	2.110000%	2.110000%	
			CATHERINE W. FIKES	2.110000%	2.110000%	
			R. L. BAYLESS	25.310000%	25.310000%	
			MERRION OIL & GAS CORPORATION	25.320000%	25.320000%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XXVI
25th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37B			1.025687%
SF-079071A	25N, 6W	120.00				
	Sec. 27: N/2 NW/4, SW/4 NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	25.312500%	25.312500%	
			R. L. BAYLESS	25.312500%	25.312500%	
			KIMBELL OIL COMPANY OF TEXAS	12.656200%	12.656200%	
			CATHERINE W. FIKES	2.109400%	2.109400%	
			LELAND FIKES FOUNDATION, INC.	2.109400%	2.109400%	
			ORRI;	20.000000%	20.000000%	
			TOTAL	100.000000%	87.500000%	
			TRACT 38			0%
	24N, 6W	160.00				
	Sec. 10: N/2 N/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			UNKNOWN	87.500000%	0.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	0.000000%	
			TRACT 43			1.025687%
SF-079915	24N, 7W	120.00				
	Sec. 1: S/2 SE/4, SE/4 SW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	87.500000%	

REMARKS:
GAS & CONDENSATE IS OWNED BY EPNG
OIL & CASINGHEAD GAS IS OWNED BY MERRION O&G

SCHEDULE XXVI
25th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 55			2.735167%
E-291-37	25N, 6W	320.00				
	Sec. 32: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	87.500000%	87.500000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	
	REMARKS: AFTER PAYOUT OF THE #321 WELL THE WISER OIL CO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 56A			1.367583%
E-291-5	25N, 6W	160.00				
	Sec. 32: NW/4		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	87.500000%	
	REMARKS: AFTER PAYOUT OF THE #335 WELL ARCO WILL BACKIN FOR A 50% WORKING INTEREST					
			TRACT 61			2.735167%
E-809-12	25N, 7W	320.00				
	Sec. 36: E/2		Royalty;	12.500000%	0.000000%	
			Working Interest:			
			FINA OIL & CHEMICAL COMPANY	82.500000%	82.500000%	
			ORRI;	5.000000%	5.000000%	
			TOTAL	100.000000%	87.500000%	

DATE: 02-24-86

SCHEDULE XXVI
25th EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL.NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 78			1.367583%
NO LEASE	24N, 6W	160.00				
	Sec. 10: S/2 N/2		Royalty;	0.000000%	0.000000%	
			Working Interest:			
			MERRION OIL & GAS CORPORATION	100.000000%	100.000000%	
			ORRI;	0.000000%	0.000000%	
			TOTAL	100.000000%	100.000000%	

DATE: 02-24-86

SCHEDULE XXVI

R E C A P I T U L A T I O N

Description of Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 3: LOTS 1-4
: LOTS 5-12,W/2 SW/4,SE/4 SW/4,SE/4
Section 4: LOTS 1-4
: LOTS 5-12, SE/4, SW/4
Section 5: LOTS 1-4
: LOTS 5-12, S/2
Section 6: LOTS 1-4
: LOTS 5-14, E/2 SW/4,SE/4
Section 8: ALL
Section 9: ALL
Section 10: S/2 N/2
Section 11: ALL
Section 15: W/2
Section 17: ALL
Section 20: W/2 NW/4, SE/4 NW/4, SW/4

Township 24N, Range 7W, NEWM

Section 1: S/2 SE/4, SE/4 SW/4
: LOTS 1-12, N/2 S/2, SW/4 SW/4

Township 25N, Range 6W, NEWM

Section 17: W/2
Section 20: ALL
Section 21: W/2, S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: SW/4
: NE/4
: NW/4
Section 29: ALL
Section 30: ALL
Section 31: W/2
Section 32: NW/4
: E/2
Section 33: ALL

Township 25N, Range 7W, NEWM

Section 36: E/2

Total Acres Committed: 11,699.47

Description of Non-Committed Lands in Participating Area:

Township 24N, Range 6W, NEWM

Section 10: N/2 N/2

Total Acres Non-Committed: 160.00

Total Number of Acres in Participating Area: 11,859.47

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

Canyon Largo
Unit POD
3180 (015)

Meridian Oil
ATTN: Alan Alexander
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Two approved copies of your 1986 Plan of Development for the Canyon Largo Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing twenty-two (22) Pictured Cliff wells, eleven (11) Dakota wells, eleven (11) Chacra wells, ten (10) Gallup wells, and four (4) Mesaverde wells, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 766-2841.

Sincerely,

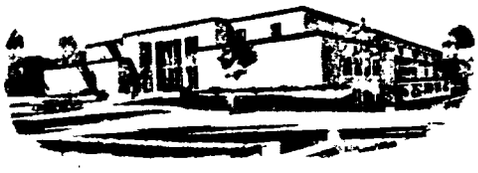
For District Manager

Enclosures

cc:
NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
O&G Chron

015:SBryant:klm:3-20-86:1653M

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

March 10, 1986

Meridian Oil Company
P. O. Box 4289
Farmington, New Mexico 87499

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
1986 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 Drilling Program for the Canyon Largo Unit Area, Rio Arriba County, New Mexico. Such drilling program provides for the drilling of 11 Dakota, 10 Gallup, 21 Pictured Cliffs, 4 Mesaverde, and 1 Pictured Cliffs/Chacra Wells. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
AC 505-827-5744

JB/FOP/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

MERIDIAN OIL

February 28, 1986

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
1986 Drilling Program

Gentlemen:

By letters dated March 12, 1985, and March 27, 1985, El Paso Natural Gas Company, as Unit Operator, of the referenced unit filed Drilling Programs for the calendar year 1985 which provided for the drilling of one (1) Pictured Cliffs, one (1) Dakota, one (1) Chacra, five (5) Mesaverde, and sixteen (16) Gallup wells. El Paso Natural Gas Company as Unit Operator, has designated Merrion Oil & Gas Corporation as Sub-Operator for developing certain acreage within the unit as to the Tertiary, Gallup and Mesaverde formations.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs, Commercial	160
Pictured Cliffs, Non-Commercial	9
Pictured Cliffs, Being Evaluated	2
Pictured Cliffs, Plugged & Abandoned	16
Pictured Cliffs, Temporarily Abandoned	1
Pictured Cliffs/Chacra, Commercial	5
Pictured Cliffs/Chacra, Chacra Non-Commercial	1
Pictured Cliffs/Chacra, Being Evaluated	2
Pictured Cliffs/Chacra, Plugged & Abandoned	1
Pictured Cliffs/Gallup, Gallup Plugged & Abandoned	1
Chacra, Commercial	26
Chacra, Non-Commercial	1
Chacra/Mesaverde, Mesaverde Non-Commercial	1
Mesaverde, Plugged back from Gallup	2
Mesaverde, Being Evaluated	4
Mesaverde, Non-Commercial	2
Gallup, Commercial	44
Gallup, Being Evaluated	11
Gallup, Plugged Back from Dakota (Being Evaluated)	1
Gallup, Plugged & Abandoned	2
Gallup/Dakota Commingle, Non-Commercial	1
Gallup, Non-Commercial	1
Gallup/Dakota Dual, Commercial	1

Meridian Oil Inc. 3535 East 30th St. P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-327-0251

Gallup/Dakota Dual, Gallup, Non-Commercial	1
Gallup/Dakota Dual, Being Evaluated	2
Gallup/Dakota Dual, Temporarily Abandoned	1
Dakota, Commercial	27
Dakota, Non Commercial	4
	330

Pursuant to Section 10 of the Canyon Largo Unit Agreement, Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, submits the following Drilling Program for the calendar year 1986:

WELL NO	DRILLING BLOCK	FORMATION
# 6E	E/2 Section 25, T24N, R6W	Dakota
# 68	E/2 Section 17, T25N, R6W	Gallup
#112	W/2 Section 19, T25N, R6W	Gallup
#134	E/2 Section 10, T25N, R6W	Chacra
#166E	W/2 Section 2, T25N, R6W	Dakota
#171	W/2 Section 12, T24N, R6W	Pictured Cliffs
#232	W/2 Section 3, T25N, R6W	Chacra
#233	E/2 Section 11, T25N, R6W	Chacra
#234	E/2 Section 13, T25N, R6W	Chacra
#236	W/2 Section 1, T25N, R6W	Chacra
#245	W/2 Section 26, T25N, R7W	Pictured Cliffs
#250E	E/2 Section 1, T25N, R6W	Dakota
#251	W/2 Section 25, T24N, R6W	Dakota
#251E	W/2 Section 25, T24N, R6W	Dakota
#252E	E/2 Section 3, T25N, R6W	Dakota
#253E	E/2 Section 12, T25N, R6W	Dakota
#259	E/2 Section 12, T24N, R6W	Pictured Cliffs
#262	E/2 Section 21, T25N, R7W	Pictured Cliffs
#281R	W/2 Section 15, T25N, R6W	Chacra
#287E	W/2 Section 3, T25N, R6W	Dakota
#292E	E/2 Section 10, T25N, R6W	Dakota
#294E	E/2 Section 2, T25N, R6W	Dakota
#297E	E/2 Section 13, T24N, R6W	Dakota
*#334	E/2 Section 15, T24N, R6W	Gallup
#349A	W/2 Section 8, T24N, R6W	Mesaverde
*#350	W/2 Section 6, T24N, R6W	Mesaverde
*#360	W/2 Section 2, T24N, R7W	Gallup
*#361	E/2 Section 2, T24N, R7W	Gallup
*#362	W/2 Section 2, T24N, R7W	Gallup
#364	E/2 Section 3, T24N, R6W	Pictured Cliffs
#365	W/2 Section 3, T24N, R6W	Pictured Cliffs
#366	E/2 Section 11, T24N, R6W	Pictured Cliffs
#369	E/2 Section 13, T24N, R6W	Pictured Cliffs
#370	E/2 Section 22, T24N, R6W	Pictured Cliffs
#371	W/2 Section 25, T24N, R6W	Pictured Cliffs
#372	E/2 Section 25, T24N, R6W	Pictured Cliffs
#373	W/2 Section 14, T25N, R7W	Pictured Cliffs
#374	E/2 Section 15, T25N, R7W	Pictured Cliffs

WELL NO	DRILLING BLOCK	FORMATION
#375	E/2 Section 15, T25N, R6W	Chacra
#376	W/2 Section 22, T25N, R7W	Pictured Cliffs
#377	W/2 Section 23, T25N, R7W	Pictured Cliffs
#378	W/2 Section 12, T25N, R6W	Chacra
#379	W/2 Section 29, T25N, R7W	Pictured Cliffs
#380	W/2 Section 33, T25N, R7W	Pictured Cliffs
#381	W/2 Section 7, T25N, R6W	Pictured Cliffs
#382	W/2 Section 7, T25N, R6W	Pictured Cliffs
#383	E/2 Section 7, T25N, R6W	Pictured Cliffs
#384	W/2 Section 8, T25N, R6W	Pictured Cliffs
#385	W/2 Section 12, T25N, R6W	Pictured Cliffs/Chacra
#386	E/2 Section 31, T25N, R6W	Gallup
#396	E/2 Section 14, T25N, R7W	Gallup
#397	W/2 Section 13, T25N, R6W	Chacra
#398	E/2 Section 14, T25N, R6W	Chacra
#399	W/2 Section 11, T25N, R6W	Chacra
#400	E/2 Section 17, T24N, R6W	Mesaverde
#401	E/2 Section 8, T24N, R6W	Mesaverde
#402	E/2 Section 21, T24N, R6W	Gallup
#403	W/2 Section 21, T24N, R6W	Gallup

*These wells were originally submitted on the 1985 Drilling Program but will now be carried over to 1986.

The Canyon Largo Unit #61, W/2 Section 17, T25N, R6W; #112, W/2 Section 19, T25N, R6W; #351, E/2 Section 18, T25N, R6W; #352, W/2 Section 18, T25N, R6W; and #353, E/2 Section 13, T25N, R7W, were submitted on the 1985 Drilling Program but have since been cancelled. At such time that we desire to drill these wells, we will resubmit a Plan of Development.

All working interest owners have been contacted regarding this Drilling Program. Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator; Merrion Oil & Gas Corporation, as Sub-Operator; and the working interest owners believe that all current obligations have been satisfied.

Meridian Oil, on behalf of El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned at the above address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Alan Alexander

Alan Alexander
District Land Manager

AA:VLG:LD:tlm
Enclosure
Canyon Largo Unit, 3.0
Doc. #0356L

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: Roy E Johnson DATED: 3-6-86

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the 1986 Drilling Program for the
Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Jack Cayias

Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Dugan Production Corporation

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Fina Oil & Chemical Company

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing Inc.

Richard T.C. Tully

J. Glenn Turner, Jr. &
MBank Dallas, N.A. Trustee,
for the benefit of
Mary Frances Truner, Jr. (6743)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

MERIDIAN OIL

December 9, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Attention: Ms. Gail R. Keller
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Withdrawal of Initial Participating
Area - Mesaverde Formation
Effective February 4, 1985

Gentlemen:

In response to your letter dated December 5, 1985 please be advised that our Reservoir Engineering Department is in agreement with Merrion Oil and Gas Corporation in that the Canyon Largo Unit #347 Mesaverde well is not commercial for Unit purposes. Meridian Oil Inc. as agent for El Paso Natural Gas Company hereby requests that our application for the Initial Mesaverde Participating Area be withdrawn.

The Canyon Largo Unit #347 well is located in the E/2 of Section 1, T-24-N, R-7-W. Our Reservoir Engineering Department's initial determination of commerciability was based on three months (February, March & April) of production data, at which time, the oil rate appeared to have stabilized at approximately 11 BOPD. Oil rates, subsequent to this time, have declined by approximately 50%. In April the well produced 12.2 BOPD whereas during May only 6.2 BOPD were produced. In light of this new information, we withdraw our application to declare the Canyon Largo Unit #347 commercial. However we will continue to monitor production.

Copies of this letter are being sent to the working interest owners shown on the attached list.

Very truly yours,

Van L. Goebel
Lanmdan

VLG:gm
Canyon Largo Unit, 4.2
Document 0117L
cc: Mr. L.A. Shaner

Meridian Oil Inc. 3535 East 30th St. P.O. Box 4289, Farmington, New Mexico 87499, Telephone 505-325-2841

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Jack Cayias

Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Dugan Production Corporation

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Fina Oil & Chemical Company

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company of Texas

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

Mr. J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Ltd.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil Company

Texaco Producing Inc.

Richard T.C. Tully

J. Glenn Turner, Jr. &
Mercantile National Bank @ Dallas, TX
as Trustees under a Trust Agreement
created for the benefit of
Mary Frances Turner, Jr. (3095)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

PH. 505-325-5093

MERRION OIL & GAS CORPORATION

P. O. Box 840
FARMINGTON NEW MEXICO 87499

September 23, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

#541

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Initial Participating Area
Mesaverde Formation
Effective February 4, 1985

Gentlemen:

This is to question the advisability of Meridian's determination that the Canyon Largo Unit #347 is a commercial Mesaverde well.

Our economic analysis, which is enclosed herewith, indicates that the well will not payout the cost of drilling.

Additional production data may prove the analysis wrong, but we definitely think it is much too close to call it commercial at this point.

In conclusion, we would definitely not agree with the determination that the Canyon Largo Unit #347 is a commercial well at this time.

Yours very truly,

MERRION OIL & GAS CORPORATION

Greg Merrion

J. Gregory Merrion
President

JGM/clm

cc: Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Mr. Van L. Goebel
Meridian Oil, Inc.
Post Office Box 4289
Farmington, New Mexico 87499

Enclosures

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

Fina Oil & Chemical Company

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners - Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Jack Cayias

Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr., &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Texaco Producing, Inc.

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trust, No. 1,2,3

J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Inc.

PWG Partnership

Kimbell Oil Company of Texas

Mr. Frank A. Schultz, Jr.

Speerex

Tenneco Oil & Gas Company

Richard T. C. Tully

J. Glenn Turner, Jr., &
Mercantile National Bank in
Dallas as Trustees under a
Trust created for the benefit
of Mary Frances Turner, Jr.
(3095)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

MERRION OIL & GAS CORPORATION

CANYON LARGO UNIT 347

DETERMINATION OF COMMERCIALITY

I. Summary:

The following analysis was undertaken to determine whether the Canyon Largo Unit 347 is a commercial well.

This evaluation shows that the Canyon Largo Unit 347 is not a commercial venture in the Mesaverde Formation. Based on a drilling cost of $232,239.00 the well will never payout, and only $0.73 of every dollar invested will be returned to the working interest.

Predicted gross reserves of oil and gas are 14,855 Bbls and 28,983 MCF respectively.

II. General:

The Canyon Largo Unit No. 347 located in Sec. 1, T24N, R7W, Rio Arriba County, New Mexico was drilled in October, 1984 and completed as a Mesaverde - Point Lookout oil well. The date of first production was February 4, 1985. An initial production test conducted on February 11, 1985 measured a 24 hour rate of 11 Bbls oil and 10 MCF gas.

This analysis is effective as of February, 1985.

III. Estimation of reserves:

Reserves were estimated using the production history decline curve enclosed. An initial oil rate of 11 BOPD declining at 9.8%/Month for 7 months was used followed by an extended decline rate of 1%/Month.

An initial gas rate of 8 MCF/Day was used and declined at a rate of 0.4%/Month.

A conventional exponential decline curve analysis was made using the above data. The computer runs and a summary page are enclosed.

IV. Economic Considerations:

An initial oil price of $25/Bbl after deduction of transportation expense was assumed. The price was reduced at 18.2%/Annum until it reached $22/Bbl, then held constant until 1988. Beginning January, 1988, the oil price was escalated at 2%/Annum to a ceiling price of $35/Bbl.

The price of gas including BTU adjustment and production taxes was assumed at $3.72/MCF and held constant.

Operating cost was assumed at $1000/Month for a pumping well and held constant.

A drilling cost of $232,239 was used as follows:

Tangibles	$ 93,064
Intangibles	$139,175

ECONOMIC SUMMARY PAGE

WELL: Canyon Largo Unit 347

LOCATION: Sec. 1, T24N, R7W, Rio Arriba County, New Mexico.

I. Input

A. Investment and Operating Expense

Leasehold Cost ($)	$	-0-
Tangible Drilling Cost ($)		93,064
Intangible Drilling Cost ($)		139,175
Operating Expense ($/Mo.)		1,000

B. Production Data

Initial Oil Rate (BOPD)	11
Oil Decline Rate (%/Mo.)	9.8%/Mo.-1.0%/Mo.
Initial Gas Rate (MCF/D)	8
Gas Decline Rate (%/Mo.)	0.4%/Mo.

C. Interest Data

Working Interest (%)	100
Net Revenue Interest (%)	78.75

D. Price Data

Gas Price	$	3.72/MCF Gross
Oil Price	$	25.00/Bbl

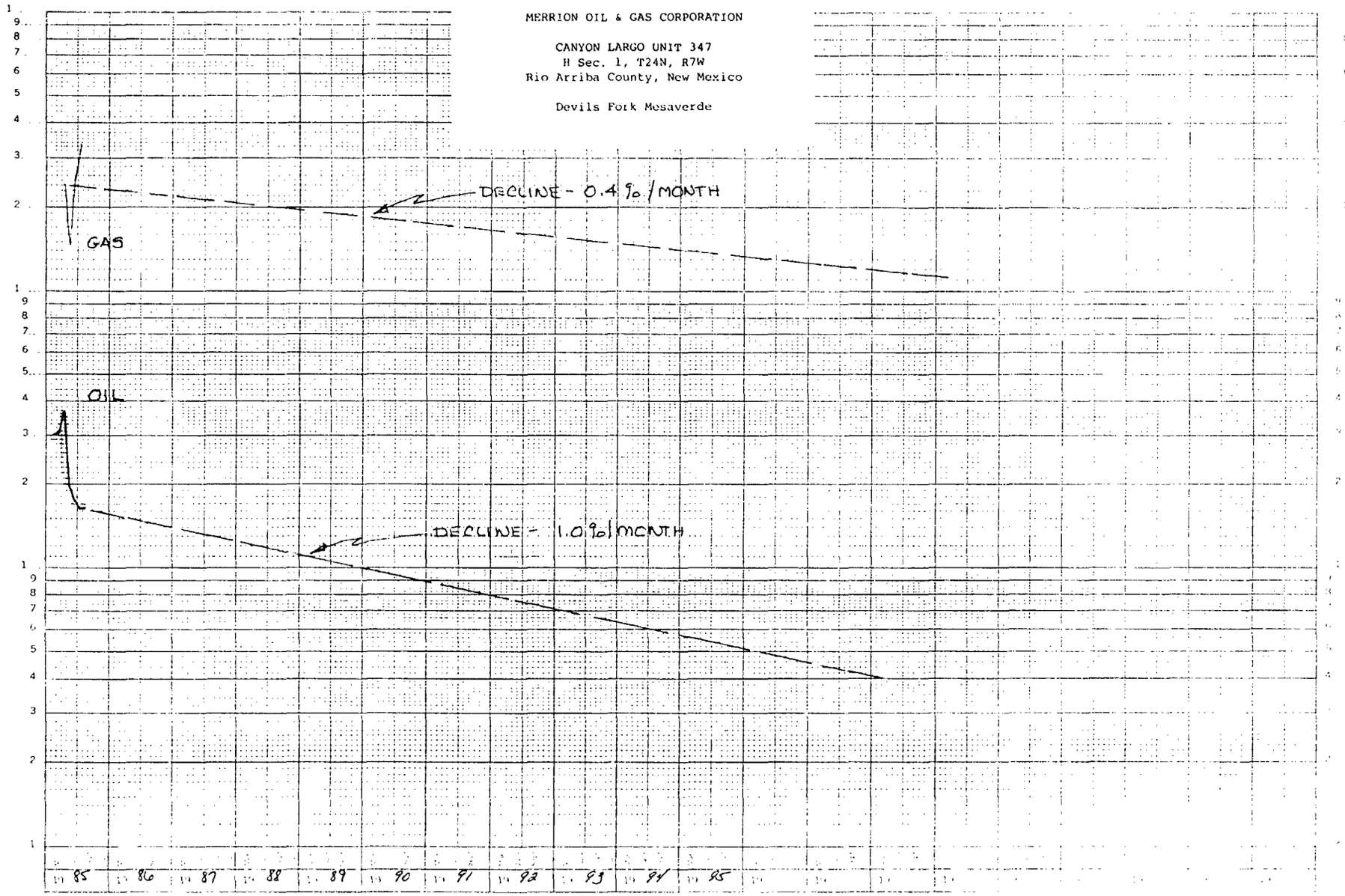
II. Output:

A. Economic Data

		BFIT		AFIT
Net Cash Flow @ 0% ($)	$	(62,454)	$	(12,169)
5%		(89,227)		(32,265)
10%		(108,155)		(46,077)
15%		(121,998)		(55,814)
20%		(132,416)		(62,818)
DCFROR (%)		(11.67)		
NOI/NI ($/$)		0.73		
Payout (Yrs)		None		

B. Reserve Data

Gross Oil Reserves (Bbls)	14,855
Net Oil Reserves (Bbls)	11,699
Gross Gas Reserves (MCF)	28,983
Net Gas Reserves (MCF)	22,824


MERRION OIL & GAS CORPORATION
CANYON LARGO UNIT 347
H Sec. 1, T24N, R7W
Rio Arriba County, New Mexico
Devils Fork Mesaverde
DECLINE - 0.4%/MONTH
GAS
OIL
DECLINE - 1.0%/MONTH
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

FIELD [illegible]

OPERATOR [illegible]

PRODUCTION DATA

SEC 1 TWP [illegible] RGE [illegible]

WELL NO. [illegible]

LEASE

SPUDDING DATE	COMPLETION OR RECOMPLETION DATE	TOTAL DEPTH	EFFECTIVE DEPTH	W. L. O.	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CUMULATIVE PRODUCTION NET OIL BBLS.	CUMULATIVE PRODUCTION FORM GAS M.C.F.	MONTHS PRODUCED	ZONE

YEAR 1955

MONTH	STATUS	DAYS PROD.	ALLOWABLE	TOTAL WATER & BS & W BARRELS MONTHLY	TOTAL WATER & BS & W BARRELS CUMULATIVE	DLY. AVG.	NET OIL PRODUCTION BARRELS MONTHLY	NET OIL PRODUCTION BARRELS CUMULATIVE	DLY. AVG.	FORMATION GAS PRODUCTION M.C.F. MONTHLY	FORMATION GAS PRODUCTION M.C.F. CUMULATIVE	DLY. AVG.	GAS - OIL RATIO CU. FT./[illegible]
FORWARD													
JAN.													
FEB.		32					306			0			
MAR.		30					302			0			
APR.		29					245			340			
MAY		30					144			142			
JUNE		30					124			355			
JULY		31					142			334			
AUG.							166	1676					
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

YEAR _____

JAN.													
FEB.													
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

YEAR _____

JAN.													
FEB.													
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

ILLEGIBLE

MERRION OIL & GAS CORPORATION
PRODUCTION RATE FORECAST AND EVALUATION

07/20/85
15:27

YEAR	WELL CNT	GROSS PRODUCTION BBL OIL	GROSS PRODUCTION MCF GAS	NET PRODUCTION BBL OIL	NET PRODUCTION MCF GAS	PRICE OIL	PRICE GAS	SALES INCOME OIL $	SALES INCOME GAS $	SALES INCOME TOTAL $
1985	1	2,327	2,583	1,832	2,034	23.42	3.720	42,908	7,566	50,474
1986	1	1,803	2,691	1,420	2,119	22.00	3.720	31,245	7,883	39,128
1987	1	1,600	2,565	1,260	2,020	22.00	3.720	27,712	7,513	35,224
1988	1	1,419	2,444	1,117	1,925	22.20	3.720	24,797	7,161	31,958
1989	1	1,258	2,330	991	1,835	22.64	3.720	22,432	6,825	29,257
1990	1	1,116	2,220	879	1,749	23.09	3.720	20,293	6,505	26,798
1991	1	990	2,116	779	1,667	23.56	3.720	18,358	6,200	24,558
1992	1	878	2,017	691	1,588	24.03	3.720	16,607	5,909	22,516
1993	1	778	1,922	613	1,514	24.51	3.720	15,024	5,632	20,656
1994	1	690	1,832	544	1,443	25.00	3.720	13,591	5,368	18,958
1995	1	612	1,746	482	1,375	25.50	3.720	12,295	5,116	17,411
1996	1	543	1,664	428	1,311	26.01	3.720	11,122	4,876	15,998
1997	1	482	1,586	379	1,249	26.53	3.720	10,062	4,647	14,709
1998	1	359	1,265	283	996	27.01	3.720	7,648	3,706	11,354
TOT		14,855	28,983	11,699	22,824	23.43	3.720	274,093	84,905	358,998

YEAR	EXPENSES TAXES	EXPENSES WEP-TAX	EXPENSES OPER	EXPENSES TOTAL	NET OPER INCOME	OTHER COSTS	NET CASH FLOW ANNUAL	NET CASH FLOW CUMULATIVE	NET CASH FLOW 20.00 PCNT DISCOUNTED
1985	3,393	0	11,000	14,393	36,081	232,239 CE	-196,158	-196,158	-195,262
1986	2,636	0	12,000	14,636	24,492	0	24,492	-171,666	18,844
1987	2,374	0	12,000	14,374	20,850	0	20,850	-150,816	13,370
1988	2,155	0	12,000	14,155	17,802	0	17,802	-133,014	9,511
1989	1,974	0	12,000	13,974	15,283	0	15,283	-117,731	6,805
1990	1,809	0	12,000	13,809	12,989	0	12,989	-104,741	4,820
1991	1,658	0	12,000	13,658	10,899	0	10,899	-93,842	3,371
1992	1,521	0	12,000	13,521	8,995	0	8,995	-84,847	2,319
1993	1,396	0	12,000	13,396	7,259	0	7,259	-77,587	1,560
1994	1,282	0	12,000	13,282	5,677	0	5,677	-71,911	1,017
1995	1,178	0	12,000	13,178	4,233	0	4,233	-67,678	633
1996	1,083	0	12,000	13,083	2,916	0	2,916	-64,762	364
1997	996	0	12,000	12,996	1,713	0	1,713	-63,049	179
1998	769	0	10,000	10,769	585	0	585	-62,464	52
TOT	24,223	0	165,000	189,223	169,775	232,239	-62,464	-62,464	-132,416

PRESENT WORTH PROFILE

PCNT DSCNT	$ VALUE
0.00	-62,464
5.00	-89,227
10.00	-108,155
15.00	-121,998
20.00	-132,416
25.00	-140,451

ROR: -11.67
IROI: -0.27
EROI: 0.73
PAYOUT: 99.00

DETERMINATION OF COMMERCIALITY

	OIL (BBL)	GAS (MCF)
ULTIMATE GROSS	14,855	28,983
CUM PROD GROSS	0	0
FUTURE RES GROSS	14,855	28,983
FUTURE RES NET	11,699	22,824
GROSS WELL COUNT	1.000	0.000
NET WELL COUNT	1.000	0.000

YR	MO	WORKINT	OIL REV INT	GAS REV INT
85	2	1.000000	0.787500	0.787500

PREPARED BY: STEVE DUNN

EFFECTIVE DATE: FEBRUARY 1, 1985
LEASE ID: 214
LEASE NAME: CLU MV
WELL NAME: CLU 247
STATE: NEW MEXICO
COUNTY: RIO ARRIBA
FIELD: DEVILS FORK MESAVERDE
OPERATOR: MORRIGT OIL&GAS
RESRV CATG: 111

ILLEGIBLE

MERRION OIL & GAS CORPORATION
AFTER TAX FORECAST

09/20/85
15:27

YEAR	NET OPER INCOME	DEDUCTIONS DEPRECIATION	DEPLETION	INTANGIBLES	INTEREST	INV TAX CRED	TAXABLE INCOME	TAXES PAYABLE
1985	36,081	13,252	0 C	139,175	0	9,306	-116,356	-62,450
1986	24,492	19,450	2,521 P	0	0	0	2,521	1,160
1987	20,850	18,566	1,142 P	0	0	0	1,142	525
1988	17,802	18,566	0 C	0	0	0	-764	-351
1989	15,283	18,566	0 C	0	0	0	-3,283	-1,510
1990	12,989	0	6,495 P	0	0	0	6,495	2,988
1991	10,899	0	5,450 P	0	0	0	5,450	2,507
1992	8,995	0	4,498 P	0	0	0	4,498	2,069
1993	7,259	0	3,630 P	0	0	0	3,630	1,670
1994	5,677	0	2,838 P	0	0	0	2,838	1,306
1995	4,233	0	2,117 P	0	0	0	2,117	974
1996	2,916	0	1,458 P	0	0	0	1,458	671
1997	1,713	0	857 P	0	0	0	857	394
1998	585	0	292 P	0	0	0	292	134
TOT	169,775	88,411	31,296	139,175	0	9,306	-89,107	-50,296

YEAR	BEFORE TAX NET CASH FLOW ANNUAL	CUMULATIVE	20.00 PCNT DISCOUNTED		AFTER TAX NET CASH FLOW ANNUAL	CUMULATIVE	20.00 PCNT DISCOUNTED	
1985	-196,158	-196,158	-195,262	-195,262	-133,328	-133,328	-121,852	-121,852
1986	24,492	-171,666	18,844	-176,418	23,332	-109,996	17,909	-103,942
1987	20,850	-150,816	13,370	-163,048	20,325	-89,671	13,001	-90,942
1988	17,802	-133,014	9,511	-153,537	18,154	-71,517	9,677	-81,265
1989	15,283	-117,731	6,805	-146,732	16,793	-54,724	7,460	-73,805
1990	12,989	-104,741	4,820	-141,912	10,002	-44,722	3,702	-70,103
1991	10,899	-93,842	3,371	-138,540	8,393	-36,330	2,589	-67,514
1992	8,995	-84,847	2,319	-136,221	6,926	-29,403	1,780	-65,734
1993	7,259	-77,587	1,560	-134,660	5,590	-23,814	1,197	-64,536
1994	5,677	-71,911	1,017	-133,643	4,371	-19,442	780	-63,756
1995	4,233	-67,678	633	-133,010	3,259	-16,183	485	-63,271
1996	2,916	-64,762	364	-132,646	2,245	-13,938	278	-62,993
1997	1,713	-63,049	179	-132,468	1,319	-12,619	136	-62,856
1998	585	-62,464	52	-132,416	450	-12,169	39	-62,818
TOT	-62,464	-62,464	-132,416	-132,416	-12,169	-12,169	-62,818	-62,818

PRESENT WORTH PROFILE

PCNT	BEFORE TAX $	AFTER TAX $
0.00	-62,464	-12,169
5.00	-89,227	-32,265
10.00	-108,155	-46,077
15.00	-121,998	-55,814
20.00	-132,416	-62,818
25.00	-140,451	-67,930

	BTAX	ATAX
ROR	-11.67	-3.03
IROI	-0.27	-0.05
EROI	0.73	0.95
PAYOUT	99.00	99.00

46.00 Corporate tax rate
10.00 Investment tax credit rate
0 Net leasehold costs
1,000 Total company net BBL per day

ILLEGIBLE

PROPERTY RECORD

Date: 09/20/85 Completed: Y
Time: 15:27 Need update: N

--BASIC INFORMATION--

ID:	214	Project:		Res cat:	111
Lease name:	CLU MV	Lease code:		Econ dt:	
Well name:	CLU 347	Well code:		Init yr:	
Field name:	DEVILS FORK MESAVERDE	County:	RIO ARRIBA	State:	30
Operator:	NERRION OIL&GAS	Other id:	DEV FK MV RIO ARRIBA NM		
Maj prod:	OIL	Template:	pppppppfffccccssssssssssssss		
Comments:	DETERMINATION OF COMMERCIALITY				

----ESCALATED ITEMS----

Date: 8502	INIT VALUE	ESC CODE
Oil price:	25.00	6
Gas price:	3.720	
3rd price:		
Mon costs:		
Per well:	1000	
Oil mktg:		
Gas mktg:		
NPT IAF:	2	

--CUMULATIVE DATA--

DATE	DOLLARS	BBL	MCF
	0	0	0

---INTEREST DATA---

	W1	OIL RI	GAS RI	T	REVPOINT
Burden:					
Current:	1.000000	0.787500	0.787500		
1st reversion:					
2nd reversion:					
3rd reversion:					
4th reversion:					
5th reversion:					

---TAX DATA---

	ADV	SEV	VOL	TAX	TIER	RATE
Oil:	0.067	0.000	0.000	TBL	2	1
Gas:	0.034	0.000	0.133		Base price:	0.00

--WINDFALL TAX--

CAT	INIT
3	1

---WELL COUNT---

DATE	CNT	DATE	CNT

Date: 8502

---PRODUCT DECLINE DATA---

P	D	Q1	Q1	T	VOLUME	LG RATO	IMP N
O	E	320		7	1676		
O	E	166		12		0.0869	
G	E	240		12		0.9531	

---RATIO DATA---

P	BEG RATIO	END RATIO

---COST ITEMS---

DATE	T	AMOUNT	DATE	T	AMOUNT	DATE	T	AMOUNT	DATE	T	AMOUNT
8502	C	93064									
8507	E	129175									

---CONCLUSION PATTERNS---

ESC CODE	COND CODE	BEGIN LEVEL	ESC TYP	ANNUAL INCRMT	UNTIL DATE	UNTIL LEVEL	UNTIL CODE
2		1.374	E	0.060			
6		25.000	E	-0.182		22.000	
6		22.000	L	0.000	8301		
6		22.000	L	0.070		35.000	

ILLEGIBLE

MERIDIAN OIL

September 5, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Initial Participating Area
Mesaverde Formation
Effective February 4, 1985

Gentlemen:

In accordance with Section 11 of the Canyon Largo Unit Agreement, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, has determined that the below listed well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation and that the Pictured Cliffs Participating Area should be expanded as follows:

INITIAL PARTICIPATING AREA - EFFECTIVE FEBRUARY 4, 1985

Drilling Block	Net Acres	Well No.
T-24-N, R-7-W		
Section 1: E/2	334.00	#347

Section 11 of the Canyon Largo Unit Agreement specifies that the initial participating area will be effective as of the date of first production.

The lands described are proven productive by the following:

The Canyon Largo Unit #347 well was completed December 31, 1984 and first produced February 4, 1985. The Mesaverde formation was tested on February 11, 1985; following a twenty-four (24) hour pumping test on February 11, 1985, the well produced 11 BOPD 10 MCF/D. The spacing unit for this well is described as the E/2 of Section 1, Township 24 North, Range 7 West N.M.P.M., containing 334.00 acres.

Meridian Oil Inc. 3535 East 30th St. P.O. Box 4289 Farmington, New Mexico 87499 Telephone 505-325-3941

Inasmuch as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made therefore, and in the absence of disapproval, the Initial Participating Area for the Mesaverde Formation will become effective as of February 4, 1985.

Attached hereto is Schedule I showing the Initial Participating Area for the Mesaverde Formation of the Canyon Largo Unit. This schedule describes the Participating Area, shows the percentage of unitized substances allocated to the unitized tracts and the exact breakdown of the percentage allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached list.

Very truly yours,

Van L. Goebel

Van L. Goebel
Landman

VLG/gm
enclosures
Canyon Largo Unit, 4.2
Doc. #0170L

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

Fina Oil & Chemcial Company

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth J. Turner Calloway

Jack Cayias

Conoco, Inc.

J.B. Davis & Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Texaco Producing, Inc

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trust,No.1,2,3

J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Inc.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Kimbell Oil Company of Texas

Speerex

Tenneco Oil & Gas Company

Richard T. C. Tully

J. Glenn Turner, Jr. &
Mercantile National Bank @ Dallas
as Trustees under a Trust
created for the benefit of
Mary Frances Turner, Jr. (3095)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

SCHEDULE I

INITIAL EXPANDED PARTICPATING AREA FOR THE MESAVERDE FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
				TRACT 29			76.047904%
	T-24-N, R-7-W	254.00					
USA SF 078922	Sec. 1: Lots 1,2,7-10 N/2 SE/4		Royalty		12.500000%	12.500000%	
			Working Interest:				
			MERRION OIL & GAS CORP.		85.000000%	85.000000%	
			ORRI;		2.500000%	2.500000%	
				TOTAL	100.000000%	100.000000%	
				TRACT 43			23.952096%
	T-24-N, R-7-W	80.00					
USA SF 079915	Sec. 1: S/2 SE/4		Royalty;		12.500000%	12.500000%	
			Working Interest:				
			MERRION OIL & GAS CORP.		85.000000%	85.000000%	
			ORRI;		2.500000%	2.500000%	
				TOTAL	100.000000%	100.000000%	

Effective February 4, 1985

SCHEDULE I

INITIAL EXPANDED PARTICPATING AREA FOR THE MESAVERDE FORMATION
R E C A P I T U L A T I O N

Description of Lands in Participating Area:

Township 24 North, Range 7 West

Section 1: E/2

Total Number of Acres in Participating Area	334.00
Total Number of Acres Committed to Participating Area	334.00

Effective February 4, 1985

State of New Mexico

Commissioner of Public Lands

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

August 15, 1985

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: Canyon Largo Unit
Seventeenth Participating Area
Dakota Formation
Effective December 1, 1983
Rio Arriba County, New Mexico

ATTENTION: Mr. Van L. Goebel

GENTLEMEN

The Commissioner of Public Lands has this date approved the Seventeenth revision to the Dakota Participating Area for the Canyon Largo Unit, Rio Arriba County, New Mexico.

The following lands constitute the Seventeenth Expanded Participating Area Effective December 1, 1983. W/2 of Section 13, Township 24 North, Range 6 West, which is predicated upon the commercial completion of the Unit Well No. 318. The Bureau of Land Management has previously approved this by their letter of August 7, 1985.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Ray D. Graham
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

Canyon Largo Unit

AUG 0 7 1985

El Paso Natural Gas Company
ATTN: Mr. Van L. Goebel
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

We have received your letter of July 15, 1985 concerning the 17th revision to the Dakota Participating Area, Canyon Largo Unit, Rio Arriba County, New Mexico. You letter was in response to our request of July 9, 1985 for engineering data upon which you projected production information was based.

The application for approval of the seventeenth revision seeks to add 320.00 acres (160.00 committed acres) described as the W½ section 13, T. 24 N., R. 6 W., NMPM to the Dakota Participating Area. Contributing to this area is the completion of the Canyon Largo Unit No. 318 Well. The initial production data is sufficient, and the 17th revision to the Dakota Participating Area, Canyon Largo Unit is approved this date and is effective December 1, 1985.

If you have any questions, please contact Ron Bartel at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS

For District Manager

Enclosure

cc:
Micrographics 943B-1
Com. of Public Lands, Santa Fe
NMOCD, Santa Fe
Fluids Section 016
File: Canyon Largo Unit
O&G chron

013:RBartel:klm:8-7-85:10152

ILLEGIBLE

State of New Mexico

JIM BACA
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

July 22, 1985

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: Canyon Largo Unit
Sixteenth Participating Area
Dakota Formation
Rio Arriba County, New Mexico

ATTENTION: Mr. Van L. Goebel

Gentlemen:

This office is in receipt of three copies of the Sixteenth Expanded Dakota Participating Area and the revised allocation schedule for the Canyon Largo Unit Agreement Rio Arriba County, New Mexico. Such Expanded Participating area is predicated upon the commercial completion of the Canada Mesa Com Well No. 4 and the Canada Mesa Com Well No. 4E.

The following lands constitute the Sixteenth Expanded Dakota Partipating Area. N/2 of Section 10, Township 24 North, Range 6 West. Inasmuch is this needs no official approval, these documents have this date been accepted and filed in our unit files.

Very truly yours,

JIM BACA
COMMISSIONER OR PUBLIC LANDS

BY: Ray D. Graham
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
OGAD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

Canyon Largo
Unit
3100 (015)

JUL 0 9 1985

El Paso Natural Gas Company
ATTN: Mr. Van L. Goetel
P.O. Box 4289
Farmington, NM 87499

Gentlemen:

Your application of October 23 requesting approval of the sixteenth and seventeenth expansion (revision) Dakota Participating Area, Canyon Largo Unit and the revised allocation schedules sent in your letter of May 31, 1985 have been received.

The application for approval of the sixteenth revision seeks to add 320.00 acres (160.00 committed acres) described as the N½ section 10, T. 24 N., R. 6 W., NMPM to the Dakota Participating Area. Contributing to this area is the completion of the Canada Mesa Com. No. 4 Well and the Canada Mesa Com. No. 4 E. Well. The sixteenth revision was approved on this date and is effective August 1, 1983.

The application for approval of the seventeenth revision seeks to add 320.00 acres (160.00 committed acres) described as the W½ section 12, T. 24 N., R. 6 W., NMPM to the Dakota Participating Area. Contributing to this area is the completion of the Canyon Largo Unit No. 318 Well. Our records indicate that the Canyon Largo Unit No. 318 Well has had no production through February 28, 1985, the latest month for which this office has production figures available. In the absence of production data, please send the engineering information upon which the projected production information for the well is based, before approval can be given.

If you have any questions, please contact Ron Bartell at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. Signed) - GARY A. STEPHENS

For District Manager

Enclosure
cc:
Micrographics 9438-1
Com. of Public Lands, Santa Fe
NMOCD, Santa Fe
Suspense
File: Canyon Largo Unit

ILLEGIBLE

El Paso
Exploration Company

P O BOX 4289
FARMINGTON NEW MEXICO 87499-4289
PHONE 505-325-2841

June 27, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

#341

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
FORTY-SECOND EXPANDED PARTICIPATING AREA, PICTURED CLIFFS FORMATION,
Effective August 1, 1984

Gentlemen:

In accordance with Section 11 of the Canyon Largo Unit Agreement, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, has determined that the below listed well is capable of producing unitized substances in paying quantities from the Pictured Cliffs Formation and that the Pictured Cliffs Participating Area should be expanded as follows:

FORTY-SECOND EXPANDED PARTICIPATING AREA - EFFECTIVE AUGUST 1, 1984

Drilling Block	Net Acres	Well No.
T-25-N, R-6-W		
*Section 24: E/2 NW/4, SW/4 NW/4, SW/4	280.00	#336

*The NW/4 NW/4 is being excluded since unit well #2-24 (Schultz-Turner-Fields # 2-24) was completed as a dry hole.

The lands described are proven productive by the following:

The Canyon Largo Unit #336 well was completed on June 27, 1984. The Pictured Cliffs Formation was tested on July 5, 1984; following a three (3) hour period the Pictured Cliffs formation gauged 2,558 MCF/D through a 1 1/2" choke. The spacing unit for this well is described as the W/2 of Section 24, T-25-N, R-6-W, N.M.P.M., containing 320.00 acres.

Inasmuch as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made therefore, and in the absence of disapproval, the Forty-Second Expanded Participating Area for the Pictured Cliffs Formation will become effective as of August 1, 1984.

Attached hereto is Schedule XLIII showing the Forty-Second Expanded Participating Area for the Pictured Cliffs Formation of the Canyon Largo Unit. This schedule describes the Participating Area, shows the percentage of unitized substances allocated to the unitized tracts and the exact breakdown of the percentage allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached list.

Very truly yours,

Van L. Goebel
Landman

VLG/tlm
Enclosures
Canyon Largo Unit, 4.1
Doc. #0170L

CANYON LARGO UNIT WORKING INTEREST OWNERS
PICTURED CLIFFS PARTICIPATING AREA

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Tom Bolack & Tommy Bolack,
General Partners, Bolack Minerals Company

Mr. Jack Cayias

Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Walter Famariss, Jr. and
Thelma Jackson Famariss

The Fort Worth National Bank
GMFG Oil Account No. 3153

Lorna A. Harvey

Edna W. Merrion Trusts No. 1, 2, & 3

Merrion Oil & Gas Corporation

Mrs. Ana Gardner Osborn

PWG Partnership

Petro-Lewis Corporation

Tenneco Oil Company

Texaco Producing Inc.

The Wiser Oil Company

OK

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			Tract 9			
SF078598	T-24-N, R-6-W	480.00	Royalty:	12.50%	12.50%	1.33139
	Sec. 22: W/2, SE/4		Working Interest:			
			El Paso Natural Gas Co.	38.75%	38.75%	
			Robert Donnell	43.75%	43.75%	
			ORRI	5.00%	5.00%	
			Total	100.00%	100.00%	
			Tract 11			
SF078628	T-24-N, R-6-W	160.00	Royalty:	12.50000%	12.50000%	.44379
	Sec. 15: N/2 NE/4,		Working Interest:			
	S/2 SE/4		El Paso Natural Gas Co.	60.40625%	60.40625%	
			ORRI	27.09375%	27.09375%	
			Total	100.00000%	100.00000%	
			Tract 12			
SF078628-A	T-24-N, R-6-W	320.00	Royalty:	12.50%	12.50%	.88759
	Sec. 15: W/2		Working Interest:			
			Getty Oil Company	82.50%	82.50%	
			ORRI	5.00%	5.00%	
			Total	100.00%	100.00%	
			Tract 16			
SF078874	T-24-N, R-6-W	2,559.04	Royalty:	12.50%	12.50%	7.09808
	Sec. 3: Lots 5, 6, 7, 8,		Working Interest:			
	9, 10, 11,		El Paso Natural Gas Co.	78.75%	78.75%	
	12, S/2		ORRI	8.75%	8.75%	
	Sec. 4: Lots 5-12, S/2		Total	100.00%	100.00%	
	Sec. 5: Lots 5-12, S/2					
	Sec. 6: Lots 5-14, E/2					
	SW/4, SE/4					

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			Tract 17			
SF078875	T-25-N, R-6-W	2,561.68	Royalty:	12.50%	12.50%	7.10540
	Sec. 29: All		Working Interest:			
	Sec. 30: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 31: All		ORRI	8.75%	8.75%	
	Sec. 33: All		Total	100.00%	100.00%	
			Tract 18			
SF078876	T-25-N, R-7-W	1,600.00	Royalty:	12.50%	12.50%	4.43796
	Sec. 29: All		Working Interest:			
	Sec. 30: E/2		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 33: All		ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 19			
F078877	T-24-N, R-6-W	2,240.00	Royalty:	12.50%	12.50%	6.21315
	Sec. 8: All		Working Interest:			
	Sec. 9: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 11: E/2		ORRI	8.75%	8.75%	
	Sec. 12: NE/4, N/2 SE/4, W/2		Total	100.00%	100.00%	
	Sec. 13: W/2 NE/4					
			Tract 20			
F078878	T-25-N, R-7-W	2,520.00	Royalty:	12.50%	12.50%	6.989797
	Sec. 25: All		Working Interest:			
	Sec. 26: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 27: N/2, SE/4, N/2 SW/4, SW/4 SW/4		ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
	Sec. 28: All					

ffective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			Tract 21			
SF078879	T-25-N, R-7-W	1,600.00	Royalty:	12.50%	12.50%	4.43796
	Sec. 21: W/2		Working Interest:			
	Sec. 23: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 24: All		ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 22			
SF078880	T-25-N, R-7-W	1,280.00	Royalty:	12.50%	12.50%	3.55037
	Sec. 13: All		Working Interest:			
	Sec. 14: All		El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 23			
SF078881	T-25-N, R-7-W	800.80	Royalty:	12.50%	12.50%	2.22120
	Sec. 3: Lots 1, 2, S/2		Working Interest:			
	NE/4, SE/4, SW/4		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 11: E/2		ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 23-A			
SF078881-A	T-25-N, R-7-W	160.80	Royalty:	12.50%	12.50%	.44601
	Sec. 3: Lots 3, 4,		Working Interest:			
	S/2 NW/4		El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			Tract 24			
SF078882	T-25-N, R-6-W	1,921.72	Royalty:	12.50%	12.50%	5.33033
	Sec. 18: All		Working Interest:			
	Sec. 19: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 20: All		ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 25			
SF078883	T-25-N, R-6-W	804.02	Royalty:	12.50%	12.50%	2.23013
	Sec. 4: Lot 1		Working Interest:			
	Sec. 5: Lots 2, 3, 4,		El Paso Natural Gas Co.	78.75%	78.75%	
	S/2 NW/4, SW/4,		ORRI	8.75%	8.75%	
	S/2 NE/4		Total	100.00%	100.00%	
	Sec. 7: E/2					
			Tract 25-A			
SF078883-A	T-25-N, R-6-W	160.00	Royalty:	12.50%	12.50%	.44379
	Sec. 5: SE/4		Working Interest:			
			El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 26			
SF078884	T-25-N, R-6-W	2,240.00	Royalty:	12.50%	12.50%	6.21315
	Sec. 12: All		Working Interest:			
	Sec. 13: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 14: All		ORRI	8.75%	8.75%	
	Sec. 15: E/2		Total	100.00%	100.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU/ PARTICIPATIO
			Tract 27			
SF078885	T-25-N, R-6-W	2,403.32	Royalty:	12.50%	12.50%	6.66615
	Sec. 1: All		Working Interest:			
	Sec. 3: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 10: SE/4, W/2		ORRI	8.75%	8.75%	
	Sec. 11: All		Total	100.00%	100.00%	
			Tract 27-A			
SF078885-A	T-25-N, R-6-W	160.00	Royalty:	12.50%	12.50%	.44379
	Sec. 10: NE/4		Working Interest:			
			El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 28			
SF078886	T-24-N, R-6-W	1,920.00	Royalty:	12.50%	12.50%	5.32555
	Sec. 17: All		Working Interest:			
	Sec. 20: All		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 21: All		ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 29			
SF078922	T-24-N, R-7-W	1,296.18	Royalty:	12.50%	12.50%	3.59525
	Sec. 1: Lots 3, 4, 5, 6, 11, 12, N/2 SW/4, SW/4 SW/4		Working Interest:			
			El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
	Sec. 3: All		Total	100.00%	100.00%	
	Sec. 4: Lots 1, 2, 7, 8, 9, 10, SE/4 (E/2)					

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			Tract 30			
SF078923	T-24-N, R-7-W	320.00	Royalty:	12.50%	12.50%	.88759
	Sec. 10: E/2		Working Interest:			
			El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 31			
SF078925	T-24-N, R-6-W	960.00	Royalty:	12.50%	12.50%	2.66278
	Sec. 26: All		Working Interest:			
	Sec. 27: E/2		El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 32			
SF078957	T-24-N, R-6-W	149.15	Royalty:	12.50%	12.50%	.41370
	Sec. 3: Lots 1, 2, 3, 4		Working Interest:			
	Sec. 4: Lots 1, 2, 3, 4		El Paso Natural Gas Co.	78.75%	78.75%	
	Sec. 5: Lots 1, 2, 3 ,4		ORRI	8.75%	8.75%	
	Sec. 6: Lots 1, 2, 3, 4		Total	100.00%	100.00%	
			Tract 35			
SF078987	T-25-N, R-7-W	1,280.00	Royalty:	12.50%	12.50%	3.55037
	Sec. 34: All		Working Interest:			
	Sec. 35: All		Getty Oil Company	82.50%	82.50%	
			ORRI	5.00%	5.00%	
			Total	100.00%	100.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			Tract 36			
;F079071	T-25-N, R-6-W	160.00	Royalty:	12.50000%	12.50000%	.44379
	Sec. 28: NW/4		Working Interest:			
			PWG Partnership	25.52083%	25.52083%	
			Jack Cayias	51.04167%	51.04167%	
			ORRI	10.93750%	10.93750%	
			Total	100.00000%	100.00000%	
			Tract 37-A			
;F079071-A	T-25-N, R-6-W	160.00	Royalty:	12.50%	12.50%	.44379
	Sec. 28: SW/4		Working Interest:			
			El Paso Natural Gas Co.	69.00%	69.00%	
			ORRI	18.50%	18.50%	
			Total	100.00%	100.00%	
			Tract 38			
;F079086	T-24-N, R-6-W	600.00	Royalty:	12.50%	0.00%	0.00000
	Sec. 10: N/2 N/2, S/2		Working Interest:			
	Sec. 13: NW/4 NW/4		E. B. Germany, et al	82.50%	0.00%	
	Sec. 35: S/2 NE/4		ORRI	5.00%	0.00%	
			Total	100.00%	0.00%	
			Tract 41			
;F079177	T-25-N, R-6-W	800.69	Royalty:	12.50%	12.50%	2.22089
	Sec. 4: Lot 2		Working Interest:			
	Sec. 9: NW/4 NW/4, S/2 NW/4, SW/4		El Paso Natural Gas Co.	70.00%	70.00%	
			ORRI	17.50%	17.50%	
	Sec. 23: N/2 NE/4, S/2 SE/4		Total	100.00%	100.00%	
	Sec. 24: E/2					

:ffective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU/ PARTICIPATIO
			Tract 41-A			
SF019400	T-25-N, R-6-W	160.62	Royalty:	12.50%	12.50%	.44551
	Sec. 4: Lot 4,		Working Interest:			
	SW/4 NW/4,		Amoco Production Co.	87.50%	87.50%	
	W/2 SW/4		ORRI	.00%	.00%	
			Total	100.00%	100.00%	
			Tract 41-B			
SF079177	T-25-N, R-6-W	440.00	Royalty:	12.50%	12.50%	1.22044
	Sec. 9: NE/4		Working Interest:			
	NE/4, S/2 NE/4,		R. L. Bayless	36.25%	36.25%	
	N/2 SE/4 and		J. Gregory Merrion	36.25%	36.25%	
	SW/4 SE/4		ORRI	15.00%	15.00%	
	Sec. 24: E/2 W/2, SW/4 SW/4					
			Total	100.00%	100.00%	
			Tract 43			
F079915	T-24-N, R-7-W	40.00	Royalty:	12.50%	12.50%	.11094
	Sec. 1: SE/4 SW/4		Working Interest:			
			El Paso Natural Gas Co.	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			Total	100.00%	100.00%	
			Tract 46			
F080594	T-24-N, R-6-W	685.40	Royalty:	12.50%	12.50%	1.90111
	Sec. 1: Lots 1, 2, 3, 4,		Working Interest:			
	5, 6, 7, 8, 9,		El Paso Natural Gas Co.	43.75%	43.75%	
	10, 11, 12 (N/2)		ORRI	43.75%	43.75%	
	Sec. 13: S/2			.00%	.00%	
			Total	100.00%	100.00%	

ffective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			Tract 46-A			
SF080594-A	T-24-N, R-6-W	280.00	Royalty:	12.50%	0.00%	.00000
	Sec. 1: SE/4		Working Interest:			
	Sec. 13: S/2 NW/4,		American Petrofina Co. of TX	87.50%	0.00%	
	NE/4 NW/4		ORRI	.00%	0.00%	
			Total	100.00%	0.00%	
			Tract 46-B			
SF080594-B	T-24-N, R-6-W	160.00	Royalty:	12.50%	12.50%	.00000
	Sec. 1: SW/4		Working Interest:			
			American Petrofina Co. of TX	87.50%	87.50%	
			ORRI	.00%	.00%	
			Total	100.00%	100.00%	
			Tract 47			
SF081325	T-24-N, R-6-W	160.00	Royalty:	12.50%	12.50%	.44379
	Sec. 35: SE/4		Working Interest:			
			El Paso Natural Gas Co.	43.75%	43.75%	
			Tom Bolack	43.75%	43.75%	
			ORRI	.00%	.00%	
			Total	100.00%	100.00%	
			Tract 55			
E-291-37	T-25-N, R-6-W	560.51	Royalty:	12.50%	12.50%	1.55470
	Sec. 2: Lot 4, SW/4		Working Interest:			
	NW/4, SW/4		El Paso Natural Gas Co.	43.75%	43.75%	
	Sec. 32: E/2		The Wiser Oil Co.	43.75%	43.75%	
			ORRI	.00%	.00%	
			Total	100.00%	100.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			Tract 56			
E-291-5	T-25-N, R-6-W	320.00	Royalty:	12.50%	12.50%	.88759
	Sec. 2: SE/4		Working Interest:			
	Sec. 32: NW/4		El Paso Natural Gas Company	75.00%	75.00%	
			ORRI	12.50%	12.50%	
			Total	100.00%	100.00%	
			Tract 57			
E-291-36	T-25-N, R-6-W	240.00	Royalty:	12.50%	0.00%	0.00000
	Sec. 23: SW/4 NE/4, NW/4 SE/4		Working Interest:			
			El Paso Natural Gas Co.	78.75%	0.00%	
	Sec. 32: SW/4		ORRI	8.75%	0.00%	
			Total	100.00%	100.00%	
			Tract 58			
E-291-35	T-25-N, R-6-W	160.85	Royalty:	12.50%	12.50%	.44615
	Sec. 2: Lots 1, 2, S/2 NE/4		Working Interest:			
			El Paso Natural Gas Co.	82.50%	82.50%	
			ORRI	5.00%	5.00%	
			Total	100.00%	100.00%	
			Tract 59			
E-291-35	T-25-N, R-6-W	80.48	Royalty:	12.50%	12.50%	.22323
	Sec. 2: Lot 3, SE/4 NW/4		Working Interest:			
			El Paso Natural Gas Co.	87.50%	87.50%	
			ORRI	0.00%	0.00%	
			Total	100.00%	100.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			Tract 60			
3-505-5	T-25-N, R-7-W	120.00	Royalty:	12.50%	12.50%	.33284
	Sec. 36: N/2 NW/4,		Working Interest:			
	SE/4 NW/4		Tenneco Oil Co.	42.75%	42.75%	
			Continental Oil Co.	42.75%	42.75%	
			ORRI	2.00%	2.00%	
			Total	100.00%	100.00%	
			Tract 61			
3-809-12	T-25-N, R-7-W	520.00	Royalty:	12.50%	12.50%	1.44233
	Sec. 36: E/2,		Working Interest:			
	SW/4, SW/4		American Petrofina Co. of TX	82.50%	82.50%	
	NW/4		ORRI	5.00%	5.00%	
			Total	100.00%	100.00%	
			Tract 61-A			
3-809-13	T-24-N, R-7-W	640.00	Royalty:	12.50%	12.50%	1.77518
	Sec. 2: Lots 5, 6, 7, 8,		Working Interest:			
	9, 10, 11, 12,		Amax Petroleum Corp.	82.50%	82.50%	
	S/2		ORRI	5.00%	5.00%	
			Total	100.00%	100.00%	
			Tract 62			
3-1207-1	T-24-N, R-6-W	80.00	Royalty:	12.50%	0.00%	0.00000
	Sec. 35: N/2 NE/4		Working Interest:			
			National Co-Op Refinery Assn.	87.50%	0.00%	
			ORRI	0.00%	0.00%	
			Total	100.00%	0.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

;ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			Tract 65			
;-5615	T-24-N, R-7-W	26.64	Royalty:	12.50%	12.50%	.07389
	Sec. 2: Lots 1, 2, 3, 4		Working Interest:			
			Amax Petroleum Corp.	82.50%	82.50%	
			ORRI	5.00%	5.00%	
			Total	100.00%	100.00%	
			Tract 69			
'ee	T-25-N, R-6-W	320.65	Royalty:	12.50%	12.50%	.88939
	Sec. 4: Lot 3,		Working Interest:			
	S/2 NE/4, NE/4		Skelly Oil Company	82.50%	82.50%	
	SE/4, S/2 SE/4		ORRI	5.00%	5.00%	
	SE/4 NW/4		Total	100.00%	100.00%	
	Sec. 9: NW/4 NE/4					
			Tract 70			
'ee	T-25-N, R-6-W	160.00				0.00000
	Sec. 4: NW/4 SE/4,		Working Interest:			
	E/2 SW/4		Burns et al	100.00%	00.00%	
	Sec. 9: NE/4 NW/4		Total	100.00%	00.00%	
			Tract 71			
'ee	T-25-N, R-6-W	40.70				0.00000
	Sec. 5: Lot 1		Working Interest:			
			Burns et al	100.00%	00.00%	
			Total	100.00%	00.00%	

:ffective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			Tract 74			
Fee	T-25-N, R-6-W	160.00				.44379
	Sec. 23: SE/4 NE/4,		Working Interest:			
	NE/4 SE/4		Merrian Oil & Gas Corp.	10.00%	10.00%	
	Sec. 24: SW/4 NW/4,		Iris Balbach	12.50%	12.50%	
	NW/4 SW/4		Lorna A. Harvey	12.50%	12.50%	
			Merrion Trust	65.00%	65.00%	
			Total	100.00%	100.00%	
			Tract 78			
Fee	T-24-N, R-6-W	160.00				.44379
	Sec. 10: S/2 N/2		Working Interest:			
			Mark Elkins	10.00%	10.00%	
			Merrion Trust	90.00%	90.00%	
			Total	100.00%	100.00%	
			Tract 79			
Fee	T-24-N, R-6-W	80.00	Working Interest:			.22189
	Sec. 12: S/2 SE/4		Mark Elkins	10.00%	10.00%	
			Merrion Trust	90.00%	90.00%	
			Total	100.00%	100.00%	
			Tract 79-A			
Fee	T-24-N, R-6-W	80.00	Working Interest:			.22189
	Sec. 13: E/2 NE/4		Mark Elkins	10.00%	10.00%	
			Merrion Trust	90.00%	90.00%	
			Total	100.00%	100.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			Tract 80			
Fee	T-24-N, R-6-W	160.00				.44379
	Sec. 15: S/2 NE/4, N/2 SE/4		Royalty	12.50000%	12.50000%	
			Working Interest:			
			El Paso Natural Gas Co.	66.53125%	66.53125%	
			ORRI	20.96875%	20.96875%	
			Total	100.00000%	100.00000%	
			Tract 81			
Fee	T-24-N, R-6-W	160.00				.44379
	Sec. 22: NE/4		Working Interest:			
			Mark Elkins	10.00%	10.00%	
			Merrion Trust	65.00%	65.00%	
			Iris Balbach	12.50%	12.50%	
			Lorna A. Harvey	12.50%	12.50%	
			Total	100.00%	100.00%	

Effective August 1, 1984

SCHEDULE XLIII
FORTY-SECOND EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU/ PARTICIPATIO
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Description of Lands in Participating Area:

Township 25 North, Range 6 West, N.M.P.M.	
Sections 1, 2, 3, 4, 5, 10, 11, 12, 13, 14, 18, 19, 20, 29, 30, 31, 32, 33:	All
Sections 7, 15, 23:	E/2
Section 28:	W/2
Section 9:	W/2, NE/4, N/2 SE/4, SW/4 SE/4
Section 24:	E/2, E/2 NW/4, SW/4 NW/4, SW/4
Township 25 North, Range 7 West, N.M.P.M.	
Sections 3, 13, 14, 23, 24, 25, 26, 28, 29, 33, 34, 35, 36:	All
Sections 11, 30:	E/2
Section 21:	W/2
Section 27:	E/2, NW/4, W/2 SW/4, NE/4 SW/4
Township 24 North, Range 6 West, N.M.P.M.	
Sections 1, 3, 4, 5, 6, 8, 9, 10, 12, 13, 15, 17, 20, 21, 22, 26:	All
Sections 11, 27, 35:	E/2
Township 24 North, Range 7 West, N.M.P.M.	
Section 1:	W/2
Sections 4, 10:	E/2
Sections 2, 3:	All
Total number of acres in participating area:	37,613.25
Total number of acres committed to participating area:	36,052.55

Effective August 1, 1984

State of New Mexico

Commissioner of Public Lands

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

May 6, 1985

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: Canyon Largo Unit
First Amendment to 1985 Drilling Program
Rio Arriba County, New Mexico

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to the 1985 Drilling Program for the Canyon Largo Unit Area, Rio Arriba County, New Mexico. Such amended plan proposes to drill the Unit Well Nos. 347, 348, 349, 350 and 363 to test the Mesaverde formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Ray D. Graham
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

State of New Mexico

Commissioner of Public Lands

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

May 6, 1985

El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Re: Canyon Largo Unit
1985 Drilling Program
Rio Arriba County, New Mexico

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Drilling Program for the Canyon Largo Unit Area, Rio Arriba County, New Mexico. Such plan proposes to drill 16 Gallup wells, 1 Pictured Cliffs well, 1 Dakota well and 1 Chacra well. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Ray D. Graham
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

Bureau of Land Management
Albuquerque District Office
Minerals Division
P.O. Box 6770
Albuquerque, NM 87197-6770

3100 (015)
Canyon Largo
Unit

MAY 0 3 1985

El Paso Natural Gas Company
Attention: Mr. Alan Alexander
P.O. Box 4289
Farmington, New Mexico 87499-4289

Gentlemen:

An approved copy of your 1985 Plan of Development submitted by your letter of March 12, 1985, as amended by your letter of March 27, 1985, for the Canyon Largo Unit area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing to drill the wells outlined in the applications, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

The possibility might exist of drainage by wells outside of the unit boundary. You will be contacted at a later date about this possibility.

If you have any questions, please contact Ronald Bartel at the above address or telephone (505) 766-2841.

Sincerely yours,

(Orig. Signed) - Sid Vogelpohl

For District Manager

Enclosure(s)

cc:
NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-1
Fluids Section FRAH
File: Canyon Largo Unit POD
O&G Chron

015: RBartel:tt:5/2/85:0674M

50 YEARS

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

1935 - 1985

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

April 9, 1985

#541

El Paso Exploration Company
P.O. Box 4289
Farmington, NM 87499-4289

Attention: Alan Alexander

Re: Canyon Largo Unit No.
14-08-001-1059
Rio Arriba County, NM,
First Amendment - 1985
Drilling Program

Dear Mr. Alexander:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

Roy E. Johnson

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

El Paso
Exploration Company

FARMINGTON, NEW MEXICO
PHONE 505 325 2841

March 27, 1985

United States Department of the Interior
Bureau of Land Management
505 Marquette Avenue, Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
First Amendment-1985 Drilling Program

Gentlemen:

The 1985 Drilling Program for the Canyon Largo Unit, was submitted to you by our letter of March 12, 1985.

Subsequent to the submittal of said letter of March 12, 1985, five (5) additional wells have been proposed by Merrion Oil & Gas Corporation, Sub-Operator in the Unit. El Paso Natural Gas Company, as Unit Operator, has designated the above as agent for the purpose of developing certain other acreage within this Unit as to the Gallup and Mesaverde formation during 1985. The additional wells proposed to be drilled are:

Well No.	Drilling Block	Formation
#347	E/2 Sec. 1, T24N, R7W	Mesaverde
#348	W/2 Sec. 6, T24N, R6W	Mesaverde
#349	W/2 Sec. 8, T24N, R6W	Mesaverde
#350	W/2 Sec. 6, T24N, R6W	Mesaverde
#363	E/2 Sec. 1, T24N, R7W	Mesaverde

All necessary working interest owners have been contacted and advised of the First Amendment to the Drilling Program in accordance with the Unit Agreement.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Alan Alexander

Alan Alexander
District Land Manager

AA:VLG:ld
Enclosures
Canyon Largo Unit, 3.0

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: Roy E Johnson DATED: 4-9-85

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals for the First Amendment to 1985 Drilling Program for the Canyon Largo Unit #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Jack Cayias
Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Texaco Producting Inc.

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Inc.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Speerex

Tenneco Oil & Gas Company

Richard T.C. Tully

J. Glenn Turner, Jr. &
Mercantile National Bank @ Dallas, TX
as Trustees under a Trust Agreement
created for the benefit of
Mary Frances Turner, Jr. (3095)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

El Paso
Exploration Company

FARMINGTON, NEW MEXICO 87401
PHONE (505) 325-2841

March 27, 1985

TO ALL WORKING INTEREST OWNERS

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
First Amendment
1985 Drilling Program

Dear Interest Owner:

El Paso Natural Gas Company, as Unit Operator, submits for your information the First Amendment to the 1985 Drilling Program which we plan to file with the proper governmental agencies.

The following wells have been proposed to be drilled during the year 1985.

WELL NUMBER	DRILLING BLOCK	FORMATION
#347	E/2 Section 1, T-24-N, R-7-W	Mesaverde
#348	W/2 Section 6, T-24-N, R-6-W	Mesaverde
#349	W/2 Section 8, T-24-N, R-6-W	Mesaverde
#350	W/2 Section 6, T-24-N, R-6-W	Mesaverde
#363	E/2 Section 1, T-24-N, R-7-W	Mesaverde

Wells #347, #348, #349, and #350 were proposed under the 1984 Drilling Program and will be carried over to the 1985 Drilling Program. The #363 well will be added to the 1985 Drilling Program. All of these Mesaverde wells will be drilled on a drilling block basis and the cost will be borne 100% by Merrion Oil & Gas Corporation as drilling block owner. If these wells prove commercial they will initiate the Mesaverde Participating Area.

If the above mentioned wells are completed as wells capable of producing unitized substances in paying quantities thereby initiating or causing an expansion of the Mesaverde Participating Area, costs will be adjusted among the Participating Area working interest owners in accordance with the Unit Operating Agreement.

Due care will be taken to protect the unit from drainage and if the drilling of any subsequently proposed wells is approved, such wells will be drilled in accordance with the operating regulations as set out by the United States Geological Survey in the same manner as the above mentioned wells.

In that these wells will be drilled on a drilling block basis, and the cost borne 100% by the drilling block owners, we will be submitting the First Amendment to the 1985 Drilling Program for approval by the regulatory agencies at this time.

Very truly yours,

Van L. Goebel

Van L. Goebel
Landman

VLG:gm
Canyon Largo Unit, 3.0

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Jack Cayias
Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Texaco Producting Inc.

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Inc.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Speerex

Tenneco Oil & Gas Company

Richard T.C. Tully

J. Glenn Turner, Jr. &
Mercantile National Bank @ Dallas, TX
as Trustees under a Trust Agreement
created for the benefit of
Mary Frances Turner, Jr. (3095)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

50 YEARS

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

1935 - 1985

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

March 25, 1985

El Paso Exploration Company
P.O. Box 4289
Farmington, NM 87499-4289

Attention: Alan Alexander

Re: Canyon Largo Unit
#14-08-001-1059
Rio Arriba County, NM
1985 Drilling Program

Dear Mr. Alexander:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

Roy E. Johnson

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

#541

El Paso
Exploration Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499-4289
PHONE 505 325-2841

March 12, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1985 Drilling Program

Gentlemen:

By letters dated January 27, 1984, March 20, 1984, September 17, 1984 and November 16, 1984, El Paso Natural Gas Company, as Unit Operator of the Canyon Largo Unit, filed a Drilling Program covering the subject Unit for the calendar year 1984, providing for the drilling of fifteen (15) Gallup wells and one (1) Pictured Cliffs well. El Paso Natural Gas Company, as Unit Operator, has designated Merrion Oil & Gas Corporation as Sub-operator for the purpose of developing certain other acreage within this Unit as to the Teritary, Gallup, and Mesaverde formations.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs	
Commercial	173
Non-Commercial	9
Plugged and Abandoned	13
Chacra	
Commercial	27
Non-Commercial	1
Plugged and Abandoned	1

Dual, PC/Chacra	
Commercial	5
Non-Commercial	1
Temporarily Abandoned	1
Mesaverde	
Non-Commercial	2
Dual, MV/Chacra	
Commercial, Chacra (Non-Commercial Mesaverde)	1
Teritary	
Plugged and Abandoned	1
Gallup	
Commercial	56
Non-Commercial	2
Dual, Gallup/Dakota	
Non-Commercial, Gallup	1
Non-Commercial, Dakota	1
Dakota	
Commercial	27
Non-Commercial	9
	331

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company as Unit Operator, is submitting this Drilling Program providing for the drilling of the following wells during the calendar year 1985:

WELL NO	DRILLING BLOCK	FORMATION
#61	W/2 Section 7, T-25-N, R-6-W	Pictured Cliffs
#68	E/2 Section 17, T-25-N, R-6-W	Gallup
#95E	E/2 Section 36, T-25-N, R-6-W	Dakota
#112	W/2 Section 19, T-25-N, R-6-W	Gallup
#168	E/2 Section 24, T-25-N, R-6-W	Chacra
#307	E/2 Section 11, T-24-N, R-6-W	Gallup
#308	E/2 Section 5, T-24-N, R-6-W	Gallup
#334*	E/2 Section 15, T-24-N, R-6-W	Gallup
#345*	E/2 Section 36, T-25-N, R-7-W	Gallup

WELL NO	DRILLING BLOCK	FORMATION
#351	E/2 Section 18, T-25-N, R-6-W	Gallup
#352	W/2 Section 18, T-25-N, R-6-W	Gallup
#353	E/2 Section 13, T-25-N, R-7-W	Gallup
#356	E/2 Section 20, T-25-N, R-6-W	Gallup
#357	E/2 Section 29, T-25-N, R-6-W	Gallup
#358	E/2 Section 30, T-25-N, R-6-W	Gallup
#359	W/2 Section 31, T-25-N, R-6-W	Gallup
#360	W/2 Section 2, T-24-N, R-7-W	Gallup
#361	E/2 Section 2, T-24-N, R-7-W	Gallup
#362	W/2 Section 2, T-24-N, R-7-W	Gallup

*Wells #334 and #345 are being carried over from the 1984 Drilling Program

All working interest owners have been contacted and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to the undersigned at the above address.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Alan Alexander

Alan Alexander
District Land Manager

AA:VLG:gm
attachment
Canyon Largo Unit, 3.0

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and the
Oil Conservation Division)

APPROVED: Ray Johnson DATED: 3-18-85

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and the
Commissioner of Public Lands)

The foregoing approvals are for the 1985 Drilling Program for the Canyon Largo Unit #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Texaco Producting Inc.

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Inc.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Speerex

Tenneco Oil & Gas Company

Richard T.C. Tully

J. Glenn Turner, Jr. &
Mercantile National Bank @ Dallas, TX
as Trustees under a Trust Agreement
created for the benefit of
Mary Frances Turner, Jr. (3095)

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

IN REPLY REFER TO:

Canyon Largo Unit
(015)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
505 Marquette, N.W.
P.O. Box 6770
Albuquerque, New Mexico 87197-6770

RECEIVED
FEB 11 1985
OIL CONSERVATION DIVISION
SANTA FE

#541

FEB 7 1985

El Paso Exploration Company
Attention: Van L. Goebel
P.O. Box 4289
Farmington, New Mexico 87499-4289

Gentlemen:

Pursuant to the telephone conversation on January 24, 1985, between Mr. Van Goebel of your office and Mr. Robert Kent of our office, we are returning unapproved your request and schedules for the Revised Seventh through Sixteenth Gallup Participating Area in the Canyon Largo Unit, Rio Arriba County, New Mexico.

The revisions were submitted because of the completion of the Canada Mesa Comm No. 4 and Canada Mesa Comm No. 4E Wells. It was explained to Mr. Van Goebel that wells drilled on an intervening drilling block cannot create another intervening drilling block. A well completed outside of the participating area may create an intervening drilling block when it is admitted to the participating area, but a well completed in the existing participating area on an intervening drilling block cannot create another intervening drilling block. Therefore, these two wells should be submitted as the Seventeenth Revision to the Gallup Participating Area.

The request and schedules for revision to the Seventh through Sixteenth Expansions to the Gallup Participating Area are being returned as they are unnecessary. We are also returning your applications for the Seventeenth, Eighteenth, and Nineteenth Revisions to the Gallup Participating Area as they will need to be renumbered and resubmitted.

It was also explained to Mr. Van Goebel that when the Seventeenth Revision is submitted, all of the land in the drilling blocks for the Canada Mesa wells needs to be listed in the schedule. The lands not committed to the unit need to be described along with the other lands, but are given a zero participation factor in the schedule. This will also occur in all future revisions that are submitted. If you have any questions about how this is done, please refer to your revisions to the Gallup, Dakota, and Pictured Cliffs Participating Areas in the Huerfano Unit and to the Pictured Cliffs Participating Area in the Lindrith Unit.

Sincerely yours,

(ORIG. SGD.) GARY A. STEPHENS

For District Manager

cc:
Comm. of Public Lands
NMOCD
FRAH-Fluids Section (016)
Micrographics (943B-4)
Unit File: Gallup PA
O&G Chron

015:RKent:tt:2/7/85:0458M

El Paso
Exploration Company

#541

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499-4289
PHONE 505-325-2641

January 17, 1985

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Nineteenth Expanded Participating
Area Gallup Formation
Effective May 1, 1984

Gentlemen:

Pursuant to Section 11 of the Canyon Largo Unit Agreement, #14-08-001-1059, approved September 18, 1953, El Paso Natural Gas Company as Unit Operator, determined on the date indicated below that the below listed well is capable of producing unitized substances in paying quantities from the Gallup Formation and that the Participating Area for the Gallup Formation is expanded accordingly as follows:

NINETEENTH EXPANDED PARTICIPATING AREA

EFFECTIVE MAY 1, 1984

Drilling Block	Acres	Well No
NW/4 Sec. 32-25N-6W (only acreage committed to Unit)	160.00	335

The Canyon Largo Unit #335 well was completed March 27, 1984. The Gallup formation was tested on April 2, 1984. On a fourteen (14) hour flowing test on April 2, 1984, the well produced 207 BOP/D and 690 MCF/D through a 22/64" choke. The spacing unit for this well is described as the NW/4 of Section 32, Township 25 North, Range 6 West, N.M.P.M., containing 160.00 acres.

In as much as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made, therefore, and in the absence of disapproval the Nineteenth Participating Area for the Gallup Formation will become effective as of May 1, 1984.

Attached hereto is Schedule XX showing the Nineteenth Expanded Participating Area for the Gallup Formation of the Canyon Largo Unit. This schedule describes the Participating Area and shows the percentages of unitized substances allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel

Van L. Goebel

VLG/gm
Enclosure
Canyon Largo Unit, 4.4

CANYON LARGO UNIT WORKING INTEREST OWNERS

GALLUP PARTICIPATING AREA

El Paso Exploration Company

Mr. Robert L. Bayless

Mr. Steven S. Dunn

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Mr. Donald J. Merrion, Jr.

J. Gregory Merrion

Merrion Petroleum Corporation

Mr. William W. Merrion

Sims Oil Company, Inc.

Texaco Producing Inc.

The Wiser Oil Company

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				3.90139
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 5-12, S/2 Sec. 6: Lots 5-14, E/2 SW/4, SE/4	2,519.04				30.711
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: All	640.00				7.80279
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIC
			TRACT 19			
SF 078877	T-24-N, R-6-W	1,920.00				23.408
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 078886	T-24-N, R-6-W	640.00				7.802
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective May 1, 1984

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
			TRACT 29			
SF 078922	T-24-N, R-7-W Sec. 1: Lots 1,2,7, 8,9,10, N/2 SE/4	254.00	Royalty; Working Interest: * ORRI; TOTAL	12.50% 78.75% 8.75% 100.00%	12.50% 78.75% 8.75% 100.00%	3.096733
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company Oil & Casinghead Gas: Merrion Oil & Gas Corp.)			
			TRACT 32			
SF 078957	T-24-N, R-6-W Sec. 3: Lots 1,2,3,4 Sec. 4: Lots 1,2,3,4 Sec. 5: Lots 1,2,3,4 Sec. 6: Lots 1,2,3,4	149.15	Royalty Working Interest * ORRI TOTAL	12.50% 78.75% 8.75% 100.00%	12.50% 78.75% 8.75% 100.00%	1.818
			*(Working Inter- est Gas & Condensate: El Paso Natural Gas Company Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	 (78.75%) (78.75%)		

Effective May 1, 1984

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIC
			TRACT 36			
SF 079071-B	T-25-N, R-6-W Sec. 28: NW/4	160.00	Royalty;	12.50%	12.50%	1.9506
			Working Interest:			
			*Merrion Oil & Gas Corp.	76.56%	76.56%	
			ORRI	10.94%	10.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #319 well PWG Partnership will backin for a 50% working interest.	After Payout Working Intere Merrion Oil & Gas Corp. 38 PWG Partnership 38 76		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W Sec. 21: S/2 SE/4, W/2 Sec. 28: NE/4	560.00				6.8274
			Royalty	12.50%	12.50%	
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313, #314, #316 and #317 Wells PWG Partnership will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 35.78% PWG Partnership 35.78% 71.56%		

Effective May 1, 1984

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIC
			TRACT 37			
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00				0.48767
			Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest		
			Merrion Oil & Gas Corp.			40.75%
			A.G. Hill			40.75%
						81.50%
			TRACT 37 CONTINUED			
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.46302
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective May 1, 1984

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIC
			TRACT 37-A			1.950699%
SF 079071-A	T-25-N, R-6-W Sec. 28: SW/4	160.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	
			TRACT 43			
SF 079915	T-24-N, R-7-W Sec. 1: S/2 SE/4	80.00				0.97534
			Royalty;	12.50%	12.50%	
			Working Interest:			
			*	78.75%	78.75%	
			ORRI;	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest			
			Gas & Condensate:			
			El Paso Natural Gas Company			
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)			

Effective May 1, 1984

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 55			
E-291-37	T-25-N, R-6-W Sec. 32: E/2	320.00	Royalty;	12.50%	12.50%	3.901397
			Working Interest:			
			*Merrion Oil & Gas Corporation	87.50%	87.50%	
			ORRI;	0.00%	0.00%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from the Wiser Oil Co. after Payout of the #321 well the Wiser Oil Co. will backin for a 50% working interest.		After Payout Working Interest Merrion Oil & Gas Corp. 43.75 The Wiser Oil Co. 43.75	
			TRACT 56-A			
E-291-5	T-25-N, R-6-W Sec. 32: NW/4	160.00				1.950699%
			Royalty;	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Co.	75.00%	75.00%	
			ORRI;	12.50%	12.50%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from ARCO. After payout of the #335 well on a Unit basis ARCO will backin for a 50% working interest.			
			TRACT 78			
Fee	T-24-N, R-6-W Sec. 10: S/2 NW/4, S/2 NE/4	160.00				1.95069
			Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective May 1, 1984

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XX
NINETEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACT PARTICIPATI
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: All
Section 6: All
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 24 North, Range 7 West, N.M.P.M.
Section 1: E/2
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4, W/2
Section 32: E/2, NW/4
Section 33: All

Total Number of Acres in Participating Area: 8,202.19
Total Number of Acres Committed to Participating Area: 8,202.19

Effective May 1, 1984

El Paso
Exploration Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499-4289
PHONE 505-325-2841

January 11, 1985

#541

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
SEVENTH (REVISED), EIGHTH (REVISED), NINTH (REVISED), TENTH (REVISED), ELEVENTH (REVISED), TWELFTH (REVISED), THIRTEENTH (REVISED), FOURTEENTH (REVISED), FIFTEENTH (REVISED), SIXTEENTH (REVISED), SEVENTEENTH, and EIGHTEENTH
Expanded Participating Area
Gallup Formation Effective March 1, 1981, July 1, 1981, August 1, 1981, November 1, 1981, June 1, 1982, August 1, 1982, September 1, 1982, November 1, 1982, December 1, 1982, June 1, 1983, December 1, 1983, and February 1, 1984 Respectively
NOTICE OF COMPLETION OF ADDITIONAL WELLS AND NON-COMMERCIAL WELLS - Gallup Formation

Gentlemen:

Pursuant to Section 11 of the Canyon Largo Unit Agreement, #14-08-001-1059, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Gallup Formation and that the Participating Area for the Gallup Formation is expanded accordingly as follows:

SEVENTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE MARCH 1, 1981

The Seventh expanded participating area for the Gallup Formation has been revised since it was originally submitted to you in our letter dated January 4, 1983. The Canada Mesa Com #4 E well will be brought in under the Seventh Expansion on an Intervening Drilling Block. This is the only revision to the Seventh Expansion.

Drilling Block	Net Acres	Well No.
E/2 Section 3, 24N-6W	340.85	298
E/2 Section 4, 24N-6W	339.45	299
W/2 Section 3, 24N-6W	340.15	Intervening Drilling Block with exception of 40 acres located in the NE/4 SW/4 due to non-commercial status of the #185 well
S/2 NW/4 Section 10, 24N-6W (only acreage committed to Unit)	80.00	Canada Mesa Com #4 E (Brought in on an IDB)

The Canyon Largo Unit #298 well was completed on February 22, 1981. The Gallup Formation was tested on February 22, 1981. On a twenty-four (24) hour flowing test on February 22, 1981, the well produced 86 BOPD and 357 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 3, Township 24 North, Range 6 West, N.M.P.M., containing 340.85 acres.

The Canyon Largo Unit #299 well was completed on February 22, 1981. The Gallup Formation was tested on February 23, 1981. On a twenty-four (24) hour flowing test on February 23, 1981, the well produced 71 BOPD and 259 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 4, Township 24 North, Range 6 West, N.M.P.M., containing 339.45 acres.

The Canada Mesa Com #4 E well was completed on September 21, 1983. The Gallup formation was tested on September 28, 1983. On a twenty-four (24) hour flowing test on September 28, 1983, the well produced 62 BOPD and 282 MCF/D through a 3/4" choke. The spacing unit for this well is described as the NW/4 of Section 10, Township 24 North, Range 6 West, N.M.P.M. containing 160.00 acres.

EIGHTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE JULY 1, 1981

The Eighth expanded participating area for the Gallup Formation has been revised since it was originally submitted to you in our letter dated January 4, 1983. The Canada Mesa Com #4 well will be brought in under the Eighth Expansion on an Intervening Drilling Block. This is the only revision to the Eighth Expansion.

Drilling Block	Net Acres	Well No.
W/2 Section 11, 24N-6W	320.00	304
S/2 NE/4 Section 10, 24N-6W (only acreage committed to Unit)	80.00	Canada Mesa Com #4 (Brought in on an IDB)

The Canyon Largo Unit #304 well was completed on May 29, 1981. The Gallup Formation was tested on June 25, 1981. On a twenty-four (24) hour flowing test on June 25, 1981, the well produced 57 BOPD and 216 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 11, Township 24 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canada Mesa Com #4 well was completed on September 10, 1983. The Gallup Formation was tested on October 20, 1983. On a twenty-four (24) hour flowing test on October 20, 1983, the well produced 66 BOPD and 460 MCF/D through a 3/4" choke. The spacing unit for this well is described as the NE/4 of Section 10, Township 24 North, Range 6 West, N.M.P.M., containing 160.00 acres.

NINTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE AUGUST 1, 1981

Only revision is change in participating area percentages.

Drilling Block	Net Acres	Well No.
W/2 Section 4, 24N-6W	338.75	301
E/2 Section 11, 24N-6W	320.00	305

The Canyon Largo Unit #305 well was completed on June 10, 1981. The Gallup Formation was tested on June 10, 1981. On a twenty-four (24) hour flowing test on June 10, 1981, the well produced 71 BOPD and 250 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 11, Township 24 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #301 well was completed on July 17, 1981. The Gallup Formation was tested on July 18, 1981. On a twenty-four (24) hour flowing test on July 18, 1981, the well produced 46 BOPD and 223 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 4, Township 24 North, Range 6 West, N.M.P.M., containing 338.75 acres.

TENTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE NOVEMBER 1, 1981

Only revision is change in participating area percentages.

Drilling Block	Net Acres	Well No.
E/2 Section 5, 24N-6W	337.95	303

The Canyon Largo Unit #303 well was completed on June 26, 1981. The Gallup Formation was tested on October 6, 1981. On a twenty-four (24) hour flowing test on October 6, 1981, the well produced 25 BOPD and 95 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 5, Township 24 North, Range 6 West, N.M.P.M., containing 337.95 acres.

ELEVENTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE JUNE 1, 1982

Only revision is change in participating area percentages.

Drilling Block	Net Acres	Well No.
NE/4 Section 28, 25N-6W (SE/4 not committed to unit)	160.00	313
E/2 Section 33, 25N-6W (Brought in as an IDB)	320.00	325

The Canyon Largo Unit #313 well was completed on May 15, 1982. The Gallup Formation was tested on May 23, 1982. On a twenty-four (24) hour flowing test on May 23, 1982, the well produced 762 BOPD and 1900 MCF/D through a 3/4" choke. The spacing unit for this well is described as the NE/4 of Section 28, Township 25 North, Range 6 West, N.M.P.M., containing 160.00 acres.

The Canyon Largo Unit #325 well was completed on February 22, 1984. The Gallup Formation was tested on February 28, 1984. On a seven (7) hour flowing test on February 28, 1984, the well produced 60 BOPD and 217 MCF/D. The spacing unit for this well is described as the E/2 of Section 33, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

TWELFTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE AUGUST 1, 1982

Only revision is change in participating area percentages.

Drilling Block	Net Acres	Well No.
SW/4 SW/4 Section 22, 25N-6W (only acreage committed to Unit)	40.00	Gonzales Com #1

The Gonzales Com #1 well was completed on July 21, 1982. The Gallup Formation was tested on July 21, 1982. On a twenty-four (24) hour flowing test on July 21, 1982, the well produced 120 BOPD and 280 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 22, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

THIRTEENTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE SEPTEMBER 1, 1982

Only revision is change in participating area percentages.

Drilling Block	Net Acres	Well No.
S/2 SE/4 Section 21, 25N-6W (only acreage committed to Unit)	80.00	314
N/2 NW/4, SW/4 NW/4 Section 27, 25N-6W (only acreage committed to Unit)	120.00	Fikes Com #2

The Canyon Largo Unit #314 well was completed on August 10, 1982. The Gallup Formation was tested on August 11, 1982. On a twenty-four (24) hour flowing test on August 11, 1982, the well produced 371 BOPD and 965 MCF/D through a 20/64" choke. The spacing unit for this well is described as the E/2 of Section 21, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Fikes Com #2 well was completed on August 25, 1982. The Gallup Formation was tested on August 24, 1982. On an eighteen (18) hour flowing test on August 24, 1982, the well produced 148 BOPD and 250 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 27, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

FOURTEENTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE NOVEMBER 1, 1982

Only revision is change in participating area percentages.

Drilling Block	Acres	Well No.
W/2 Section 21, 25N-6W	320.00	316

The Canyon Largo Unit #316 well was completed on October 4, 1982. The Gallup Formation was tested on October 4, 1982. On a twenty-four (24) hour flowing test on October 4, 1982, the well produced 235 BOPD and 503 MCF/D through a 3/4" choke. The spacing unit is described as the W/2 of Section 21, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

FIFTEENTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE DECEMBER 1, 1982

Only revision is change in participating area percentages.

Drilling Block	Acres	Well No.
W/2 Section 28, 25N-6W	320.00	319
W/2 Section 33, 25N-6w (Brought in as an IDB)	320.00	326

The Canyon Largo Unit #319 well was completed on November 3, 1982. The Gallup Formation was tested on November 3, 1982. On a five (5) hour flowing test on November 3, 1982, the well produced 150 BOPD and 180 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 28, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #326 well was completed on February 22, 1984. The Gallup Formation was tested on February 28, 1984. On an eighteen (18) hour flowing test on February 28, 1984, the well produced 62 BOPD and 169 MCF/D. The spacing unit for this well is described as the W/2 of Section 33, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

SIXTEENTH (REVISED) EXPANDED PARTICIPATING AREA - EFFECTIVE JUNE 1, 1983

Only revision is change in participating area percentages.

Drilling Block	Net Acres	Well No.
E/2 Section 32, 25N-6W	320.00	321

The Canyon Largo Unit #321 well was completed on May 2, 1983. The Gallup Formation was tested on May 3, 1983. On a twenty-four (24) hour flowing test on May 3, 1983, the well produced 428 BOPD and 840 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 32, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

SEVENTEENTH EXPANDED PARTICIPATING AREA - EFFECTIVE DECEMBER 1, 1983

Drilling Block	Net Acres	Well No.
W/2 Section 5, 24N-6W	337.85	328
E/2 Section 6, 24N-6W (Brought in as an IDB)	337.45	331

The Canyon Largo Unit #328 well was completed on November 26, 1983. The Gallup Formation was tested on November 27, 1893. On a twenty-four (24) hour flowing test on November 27, 1983, the well produced 39 BOPD and 113 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 5, Township 24 North, Range 6 West, N.M.P.M., containing 337.85 acres.

The Canyon Largo Unit #331 well was completed on April 13, 1984. The Gallup Formation was tested on April 24, 1984. On a twenty-four (24) hour flowing test on April 24, 1984, the well produced 103 BOPD and 216 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 6, Township 24 North, Range 6 West, N.M.P.M., containing 337.45 acres.

EIGHTEENTH EXPANDED PARTICIPATING AREA - EFFECTIVE FEBRUARY 1, 1984

Drilling Block	Net Acres	Well No.
E/2 Section 1, 24N-7W	334.00	332

The Canyon Largo Unit #332 well was completed on December 18, 1983. The Gallup Formation was tested on January 6, 1984. On a twenty-four (24) hour flowing test on January 6, 1984, the well produced 140 BOPD and 194 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 1, Township 24 North, Range 7 West, N.M.P.M., containing 334.00 acres.

NOTICE OF COMPLETION OF ADDITIONAL WELLS

Five (5) additional wells capable of producing in unitized substances from the Gallup Formation have been completed upon acreage already committed to the Gallup Participating Area. The acreage dedicated to the #302 and #311 wells were brought into the Participating Area by the Seventh Expansion. The acreage dedicated to the #317 well was brought into the Participating Area by the Fourteenth Expansion. The acreage dedicated to the #315 well was brought into the Participating Area by the Fifteenth Expansion. The acreage dedicated to the #327 well was brought into the Participating Area by the Sixteenth Expansion. These wells are as follows:

The Canyon Largo Unit #302 well was completed June 5, 1981. The Gallup Formation was tested on June 23, 1981. On a twenty-four (24) hour flowing test on June 23, 1981, the well produced 65 BOPD and 238 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 3, Township 24 North, Range 6 West, N.M.P.M., containing 341.35 acres.

The Canyon Largo Unit #311 well was completed February 18, 1982. The Gallup Formation was tested on February 18, 1982. On a twenty-four (24) hour flowing test on February 18, 1982 the well produced 235 BOPD and 350 MCF/D through a 1/2" choke. The spacing unit for this well is described as the W/2 of Section 3, Township 24 North, Range 6 West, containing 340.15 acres.

The Canyon Largo Unit #317 well was completed on June 7, 1983. The Gallup Formation was tested on June 7, 1983. On a twenty-four (24) hour flowing test on June 7, 1983, the well produced 166 BOPD and 320 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 21, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #315 well was completed on December 9, 1982. The Gallup Formation was tested on December 8, 1982. On a sixteen and one-half (16.5) hour flowing test on December 8, 1982, the well produced 155 BOPD and 230 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 28, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #327 well was completed on December 10, 1983. The Gallup Formation was tested on January 10, 1984. On a twenty-four (24) hour flowing test on January 10, 1984, the well produced 50 BOPD and 140 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 32, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF NON-COMMERCIAL WELLS

Three (3) wells have been determined non-commercial for unit purposes and will not be brought into the Gallup Participating Area. The wells are as follows:

The Box Canyon Com #1 well was completed on February 11, 1984. The Gallup Formation was tested on March 18, 1984. On a twenty-four (24) hour flowing test on March 18, 1984, the well produced 10 BOPD and 116 MCF/D through a 3/4" choke. The spacing unit for this well is described as the SW/4 (N/2 SW/4 only portion committed to Unit) of Section 15, Township 25 North, Range 6 West, N.M.P.M., containing 160.00 acres.

The Canyon Largo Unit #320 well was completed on March 5, 1983. The Gallup Formation was completed on March 16, 1983. On a twenty-four (24) hour flowing test on March 16, 1983, the well produced 26 BOPD and 125 MCF/D through a 64/64" choke. During the month of July, 1984 and since that time the #320 has only produced 2 to 3 BOPD and 28 MCF/D. The spacing unit for this well is described as the NW/4 (only portion committed to Unit) of Section 1, Township 24 North, Range 6 West, N.M.P.M., containing 182.45 acres.

Inasmuch as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made, therefore, and in the absence of disapproval, the Seventh through Eighteenth Participating Area for the Gallup Formation will become effective as of March 1, 1981, July 1, 1981, August 1, 1981, November 1, 1981, June 1, 1982, August 1, 1982, September 1, 1982, November 1, 1982, December 1, 1982, June 1, 1983, December 1, 1983, and February 1, 1984, respectively.

Attached hereto are Schedules VIII, IX, X, XI, XII, XIII, XIV, XV, XVI, XVII, XVIII, and IXX showing the Seventh through Eighteenth Expanded Participating Area for the Gallup Formation of the Canyon Largo Unit. These schedules describe the Participating Areas and shows the percentages of unitized substances allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel

Van L. Goebel
Senior Landman

VLG:ld
Enclosures
Canyon Largo Unit, 4.4

CANYON LARGO UNIT WORKING INTEREST OWNERS

GALLUP PARTICIPATING AREA

El Paso Exploration Company

Bolack Minerals Company

Mr. Robert L. Bayless

Mr. Steven S. Dunn

Catherine W. Fikes

Leland Fikes Foundation, Inc.

Mr. Donald J. Merrion, Jr.

J. Gregory Merrion

Merrion Petroleum Corporation

Mr. William W. Merrion

Sims Oil Company, Inc.

Texaco Producing Inc.

The Wiser Oil Company

SCHEDULE VIII
SEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

REVISED

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				8.800420%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 7,8,9,10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,239.04				34.075227%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 19			
078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All	1,280.00				35.201681%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

SCHEDULE VIII
SEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	REVISED PRESENT ACTUAL PARTICIPATION
			TRACT 28			
078886	T-24-N, R-6-W Sec. 17: All	640.00				17.600841%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 32			
078957	T-24-N, R-6-W Sec. 3: Lots 1,2,3,4 Sec. 4: Lots 1,2 Sec. 6: Lots 3,4	77.15				2.121726%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective March 1, 1981

SCHEDULE VIII
SEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 78			
See	T-24-N, R-6-W Sec. 10: S/2 NW/4	80.00				2.200105%
			Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective March 1, 1981

SCHEDULE VIII
SEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

RIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 NW/4
Section 17: All
Section 15: W/2

Total Number of Acres in Participating Area: 3,636.19
Total Number of Acres Committed to Participating Area: 3,636.19

fective March 1, 1981

SCHEDULE IX
EIGHTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
F 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				7.928269%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
F 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 7,8,9,10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,239.04				30.698257%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 19			
F 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: W/2	1,600.00				39.641345%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

SCHEDULE IX
EIGHTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 28			
F 078886	T-24-N, R-6-W Sec. 17: All	640.00				15.856538
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 32			
F 078957	T-24-N, R-6-W Sec. 3: Lots 1,2,3,4 Sec. 4: Lots 1,2 Sec. 6: Lots 3,4	77.15				1.911456
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective July 1, 1981

SCHEDULE IX
EIGHTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 78			
ee	T-24-N, R-6-W	160.00				3.964135
	Sec. 10: S/2 NW/4, S/2 NE/4		Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective July 1, 1981

SCHEDULE IX
EIGHTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 NE/4, S/2 NW/4
Section 11: W/2
Section 17: All
Section 15: W/2

Total Number of Acres in Participating Area: 4,036.19
Total Number of Acres Committed to Participating Area: 4,036.19

Effective July 1, 1981

SCHEDULE X
NINTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
F 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				6.815849%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
F 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,559.04				33.206814%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 19			
SF 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				40.895091%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

SCHEDULE X
NINTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED (Revised)	PRESENT ACTUAL PARTICIPATION
			TRACT 28			
F 078886	T-24-N, R-6-W Sec. 17: All	640.00				13.631697
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 32			
F 078957	T-24-N, R-6-W Sec. 3: Lots 1,2,3,4 Sec. 4: Lots 1,2,3,4 Sec. 6: Lots 3,4	95.90				2.042625
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		

Effective August 1, 1981

SCHEDULE X
NINTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
	TRACT 78					
ee	T-24-N, R-6-W	160.00				3.407924
	Sec. 10: S/2 NW/4, S/2 NE/4		Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective August 1, 1981

SCHEDULE X
NINTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 17: All
Section 15: W/2

Total Number of Acres in Participating Area: 4,694.94
Total Number of Acres Committed to Participating Area: 4,694.94

Effective August 1, 1981

SCHEDULE XI
TENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED (Revised)	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
F 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				6.358176%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				37.335209
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 19			
SF 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				38.149056
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

SCHEDULE XI
TENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 28			
F 078886	T-24-N, R-6-W Sec. 17: All	640.00				12.716352
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 32			
F 078957	T-24-N, R-6-W Sec. 3: Lots 1,2,3,4 Sec. 4: Lots 1,2,3,4 Sec. 5: Lots 1,2 Sec. 6: Lots 3,4	113.85				2.262120
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective November 1, 1981

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XI
TENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED (Revised)	PRESENT ACTUA PARTICIPATION
			TRACT 78			
Fee	T-24-N, R-6-W Sec. 10: S/2 NW/4, S/2 NE/4	160.00	Royalty	-0-	-0-	3.17908
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective November 1, 1981

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XI
TENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All

Total Number of Acres in Participating Area: 5,032.89
Total Number of Acres Committed to Participating Area: 5,032.89

Effective November 1, 1981

SCHEDULE XII
ELEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				5.804578%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				34.08448%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: E/2	320.00				5.804578%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XII
ELEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W	1,920.00				34.82746
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 078886	T-24-N, R-6-W	640.00				11.60915
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective June 1, 1982

SCHEDULE XII
ELEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				2.06516
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest			
	Sec. 5: Lots 1,2		*	78.75%	78.75%	
	Sec. 6: Lots 3,4		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W	160.00				2.90228
	Sec. 28: NE/4		Royalty	12.50%	12.50%	
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 Well PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	35.78%
PWG Partnership	35.78%
	71.56%

Effective June 1, 1982

SCHEDULE XII
ELEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
			TRACT 78			
Fee	T-24-N, R-6-W	160.00				2.90228
	Sec. 10: S/2 NW/4, S/2 NE/4		Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective June 1, 1982

SCHEDULE XII
ELEVENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 25 North, Range 6 West, N.M.P.M.
Section 28: NE/4
Section 33: E/2

Total Number of Acres in Participating Area: 5,512.89
Total Number of Acres Committed to Participating Area: 5,512.89

Effective June 1, 1982

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				5.762765
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				33.83895
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: E/2	320.00				5.762765%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				34.576590
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 078886	T-24-N, R-6-W Sec. 17: All	640.00				11.52553(
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective August 1, 1982

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				2.050284
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest *	78.75%	78.75%	
	Sec. 5: Lots 1,2		ORRI	8.75%	8.75%	
	Sec. 6: Lots 3,4		TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W	160.00				2.881383
	Sec. 28: NE/4		Royalty	12.50%	12.50%	
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 Well PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	35.78%
PWG Partnership	35.78%
	71.56%

Effective August 1, 1982

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00				0.720346%
			Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest		
			Merrion Oil & Gas Corp.	40.75%		
			A.G. Hill	40.75%		
				81.50%		
			TRACT 78			
Fee	T-24-N, R-6-W Sec. 10: S/2 NW/4, S/2 NE/4	160.00				2.88138
			Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective August 1, 1982

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 25 North, Range 6 West, N.M.P.M.
Section 22: SW/4 SW/4
Section 28: NE/4
Section 33: E/2

Total Number of Acres in Participating Area: 5,552.89
Total Number of Acres Committed to Participating Area: 5,552.89

Effective August 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00	Royalty	12.50%	12.50%	5.562422%
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04	Royalty	12.50%	12.50%	32.662540
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: E/2	320.00	Royalty	12.50%	12.50%	5.562422%
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
F 078877	T-24-N, R-6-W	1,920.00				33.374530
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 078886	T-24-N, R-6-W	640.00				11.124843
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		

Effective September 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				1.979005
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest			
	Sec. 5: Lots 1,2		*	78.75%	78.75%	
	Sec. 6: Lots 3,4		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W	240.00				4.171816
	Sec. 21: S/2 SE/4		Royalty	12.50%	12.50%	
	Sec. 28: NE/4		Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 and #314 Wells PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	35.78%
PWG Partnership	35.78%
	71.56%

Effective September 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			
F 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00				0.695303%
			Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 40.75% A.G. Hill 40.75% 81.50%		
			TRACT 37 CONTINUED			
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	2.085908%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective September 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATI
CANYON LARGO UNIT AREA

Revised

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		
			TRACT 78			
'ee	T-24-N, R-6-W	160.00				2.781211
	Sec. 10: S/2 NW/4, S/2 NE/4		Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective September 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4
Section 33: E/2

Total Number of Acres in Participating Area: 5,752.89
Total Number of Acres Committed to Participating Area: 5,752.89

Effective September 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED (Revised)	PRESENT ACTUA PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00	Royalty	12.50%	12.50%	5.269320%
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04	Royalty	12.50%	12.50%	30.94144
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: E/2	320.00	Royalty	12.50%	12.50%	5.269320%
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W	1,920.00				31.615919
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 078886	T-24-N, R-6-W	640.00				10.538641
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				1.87472!
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest			
	Sec. 5: Lots 1,2		*	78.75%	78.75%	
	Sec. 6: Lots 3,4		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W	560.00				9.22131
	Sec. 21: S/2 SE/4, W/2		Royalty	12.50%	12.50%	
	Sec. 28: NE/4		Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 and #314 and #316 Wells PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	35.78%
PWG Partnership	35.78%
	71.56%

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00				0.658665
			Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest		
			Merrion Oil & Gas Corp.	40.75%		
			A.G. Hill	40.75%		
				81.50%		
			TRACT 37 CONTINUED			
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.975995%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			OWNERSHIP	PERCENTAGE		
			TRACT 78			
Fee	T-24-N, R-6-W	160.00				2.63466
	Sec. 10: S/2 NW/4, S/2 NE/4		Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4
Section 33: E/2

Total Number of Acres in Participating Area: 6,072.89
Total Number of Acres Committed to Participating Area: 6,072.89

Effective November 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				4.766948%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				27.991521
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: All	640.00				9.533897%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
F 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				28.601690
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
F 078886	T-24-N, R-6-W Sec. 17: All	640.00				9.533897
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
:F 078957	T-24-N, R-6-W	113.85				1.695991
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest *	78.75%	78.75%	
	Sec. 5: Lots 1,2		ORRI	8.75%	8.75%	
	Sec. 6: Lots 3,4		TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36			
3F 079071-B	T-25-N, R-6-W	160.00	Royalty;	12.50%	12.50%	2.383474
	Sec. 28: NW/4		Working Interest:			
			*Merrion Oil & Gas Corp.	76.56%	76.56%	
			ORRI	10.94%	10.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #319 well PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	38.2
PWG Partnership	38.2
	76.5

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATIOI
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36-A			
F 079071	T-25-N, R-6-W Sec. 21: S/2 SE/4, W/2 Sec. 28: NE/4	560.00	Royalty	12.50%	12.50%	8.342160
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 and #314 and #316 Wells PWG Partnership will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 35.78% PWG Partnership 35.78% 71.56%		
			TRACT 37			
F 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00	Royalty:	12.50%	12.50%	0.595869%
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 40.75% A.G. Hill 40.75% 81.50%		

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37 CONTINUED			
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.787605%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	
			TRACT 37-A			2.383474%
SF 079071-A	T-25-N, R-6-W Sec. 28: SW/4	160.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 78			
Fee	T-24-N, R-6-W Sec. 10: S/2 NW/4, S/2 NE/4	160.00	Royalty	-0-	-0-	2.383474
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		Revised PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4, W/2
Section 33: All

Total Number of Acres in Participating Area: 6,712.89
Total Number of Acres Committed to Participating Area: 6,712.89

Effective December 1, 1982

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA
Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
F 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				4.550050%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
F 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7,8,9,10, SE/4 Sec. 6: Lots 5,6,11,12, 13,14,E/2 SW/4	1,879.04				26.717893%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
F 078875	T-25-N, R-6-W Sec. 33: All	640.00				9.100100%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA
Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
F 078877	T-24-N, R-6-W	1,920.00				27.300299%
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
F 078886	T-24-N, R-6-W	640.00				9.100100%
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
F 078957	T-24-N, R-6-W	113.85				1.618822%
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest			
	Sec. 5: Lots 1,2		*	78.75%	78.75%	
	Sec. 6: Lots 3,4		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36			
F 079071-B	T-25-N, R-6-W	160.00	Royalty;	12.50%	12.50%	2.275025%
	Sec. 28: NW/4		Working Interest:			
			*Merrion Oil & Gas Corp.	76.56%	76.56%	
			ORRI	10.94%	10.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #319 well PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	38.2
PWG Partnership	38.2
	76.5

Effective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA
Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36-A			
F 079071	T-25-N, R-6-W Sec. 21: S/2 SE/4, W/2 Sec. 28: NE/4	560.00				7.962587%
			Royalty	12.50%	12.50%	
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313, #314, #316 and #317 Wells PWG Partnership will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 35.78% PWG Partnership 35.78% 71.56%		
			TRACT 37			
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00				0.568756%
			Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 40.75% A.G. Hill 40.75% 81.50%		

Effective June 1, 1983

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA
Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37 CONTINUED			
F 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.706268%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	
			TRACT 37-A			2.275025%
;F 079071-A	T-25-N, R-6-W Sec. 28: SW/4	160.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective June 1, 1983

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA
Revised

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 55			
-291-37	T-25-N, R-6-W Sec. 32: E/2	320.00	Royalty;	12.50%	12.50%	4.550050%
			Working Interest:			
			*Merrion Oil & Gas Corporation	87.50%	87.50%	
			ORRI;	0.00%	0.00%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from the Wiser Oil Co. after Payout of the #321 well the Wiser Oil Co. will backin for a 50% working interest.		After Payout Working Interest Merrion Oil & Gas Corp. 43.75% The Wiser Oil Co. 43.75%	
			TRACT 78			
ee	T-24-N, R-6-W Sec. 10: S/2 NW/4, S/2 NE/4	160.00				2.275025%
			Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

ffective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA
Revised

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4, W/2
Section 32: E/2
Section 33: All

Total Number of Acres in Participating Area: 7,032.89
Total Number of Acres Committed to Participating Area: 7,032.89

Effective June 1, 1983

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				4.151429%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 5-12, S/2 Sec. 6: Lots 5-14, E/2 SW/4, SE/4	2,519.04				32.680046%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
078875	T-25-N, R-6-W Sec. 33: All	640.00				8.302857%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
F 078877	T-24-N, R-6-W	1,920.00				24.908571%
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
F 078886	T-24-N, R-6-W	640.00				8.302857%
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

ffective December 1, 1983

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
078957	T-24-N, R-6-W	149.15				1.934955%
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest *	78.75%	78.75%	
	Sec. 5: Lots 1,2,3,4		ORRI	8.75%	8.75%	
	Sec. 6: Lots 1,2,3,4		TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36			
079071-B	T-25-N, R-6-W	160.00	Royalty;	12.50%	12.50%	2.075714%
	Sec. 28: NW/4		Working Interest:			
			*Merrion Oil & Gas Corp.	76.56%	76.56%	
			ORRI	10.94%	10.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #319 well PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	38.28
PWG Partnership	38.28
	76.56

Effective December 1, 1983

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36-A			
F 079071	T-25-N, R-6-W Sec. 21: S/2 SE/4, W/2 Sec. 28: NE/4	560.00	Royalty	12.50%	12.50%	7.265000%
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313, #314, #316 and #317 Wells PWG Partnership will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 35.78% PWG Partnership 35.78% 71.56%		
			TRACT 37			
F 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00	Royalty:	12.50%	12.50%	0.518928%
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 40.75% A.G. Hill 40.75% 81.50%		

Effective December 1, 1983

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37 CONTINUED			
F 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.556786%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	
			TRACT 37-A			2.075714%
F 079071-A	T-25-N, R-6-W Sec. 28: SW/4	160.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective December 1, 1983

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 55			
291-37	T-25-N, R-6-W Sec. 32: E/2	320.00	Royalty;	12.50%	12.50%	4.151429%
			Working Interest:			
			*Merrion Oil & Gas Corporation	87.50%	87.50%	
			ORRI;	0.00%	0.00%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from the Wiser Oil Co. after Payout of the #321 well the Wiser Oil Co. will backin for a 50% working interest.		After Payout Working Interest Merrion Oil & Gas Corp. 43.75% The Wiser Oil Co. 43.75%	
			TRACT 78			
ee	T-24-N, R-6-W Sec. 10: S/2 NW/4, S/2 NE/4	160.00				2.075714%
			Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

ffective December 1, 1983

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: All
Section 6: All
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4, W/2
Section 32: E/2
Section 33: All

Total Number of Acres in Participating Area: 7,708.19
Total Number of Acres Committed to Participating Area: 7,708.19

ffective December 1, 1983

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
' 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				3.979016%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
' 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 5-12, S/2 Sec. 6: Lots 5-14, E/2 SW/4, SE/4	2,519.04				31.322811%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
F 078875	T-25-N, R-6-W Sec. 33: All	640.00				7.958031%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
F 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				23.8740948
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
F 078886	T-24-N, R-6-W Sec. 17: All	640.00				7.958031
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

ffective February 1, 1984

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 29			
F 078922	T-24-N, R-7-W	254.00				3.158344%
	Sec. 1: Lots 1,2,7, 8,9,10, N/2 SE/4		Royalty;	12.50%	12.50%	
			Working Interest: *	78.75%	78.75%	
			ORRI;	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company Oil & Casinghead Gas: Merrion Oil & Gas Corp.)			
			TRACT 32			
3F 078957	T-24-N, R-6-W	149.15				1.854594
	Sec. 3: Lots 1,2,3,4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1,2,3,4		Working Interest *	78.75%	78.75%	
	Sec. 5: Lots 1,2,3,4		ORRI	8.75%	8.75%	
	Sec. 6: Lots 1,2,3,4		TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		

Effective February 1, 1984

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36			
F 079071-B	T-25-N, R-6-W Sec. 28: NW/4	160.00	Royalty;	12.50%	12.50%	1.989508%
			Working Interest:			
			*Merrion Oil & Gas Corp.	76.56%	76.56%	
			ORRI	10.94%	10.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #319 well PWG Partnership will backin for a 50% working interest.		After Payout Working Interest Merrion Oil & Gas Corp. 38.2 PWG Partnership 38.2 76.5	
			TRACT 36-A			
SF 079071	T-25-N, R-6-W Sec. 21: S/2 SE/4, W/2 Sec. 28: NE/4	560.00				6.963277
			Royalty	12.50%	12.50%	
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313, #314, #316 and #317 Wells PWG Partnership will backin for a 50% working interest.		After Payout Working Interest Merrion Oil & Gas Corp. 35.78% PWG Partnership 35.78% 71.56%	

Effective February 1, 1984

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			
F 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00				0.497377%
			Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 40.75% A.G. Hill 40.75% 81.50%		
			TRACT 37 CONTINUED			
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.492131%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective February 1, 1984

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37-A			1.989508%
F 079071-A	T-25-N, R-6-W Sec. 28: SW/4	160.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	
			TRACT 43			
F 079915	T-24-N, R-7-W Sec. 1: S/2 SE/4	80.00				0.994754%
			Royalty;	12.50%	12.50%	
			Working Interest:			
			*	78.75%	78.75%	
			ORRI;	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest			
			Gas & Condensate:			
			El Paso Natural Gas Company			
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)			

Effective February 1, 1984

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 55			
-291-37	T-25-N, R-6-W Sec. 32: E/2	320.00	Royalty;	12.50%	12.50%	3.979016%
			Working Interest:			
			*Merrion Oil & Gas Corporation	87.50%	87.50%	
			ORRI;	0.00%	0.00%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from the Wiser Oil Co. after Payout of the #321 well the Wiser Oil Co. will backin for a 50% working interest.		After Payout Working Interest Merrion Oil & Gas Corp. 43.75% The Wiser Oil Co. 43.75%	
			TRACT 78			
ee	T-24-N, R-6-W Sec. 10: S/2 NW/4, S/2 NE/4	160.00				1.989508%
			Royalty	-0-	-0-	
			Working Interest			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI	-0-	-0-	
			TOTAL	100.00%	100.00%	

ffective February 1, 1984

SCHEDULE IXX
EIGHTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

;ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West, N.M.P.M.
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: All
Section 6: All
Section 8: All
Section 9: All
Section 10: S/2 N/2
Section 11: All
Section 15: W/2
Section 17: All
Township 24 North, Range 7 West, N.M.P.M.
Section 1: E/2
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4, W/2
Section 32: E/2
Section 33: All

Total Number of Acres in Participating Area: 8,042.19
Total Number of Acres Committed to Participating Area: 8,042.19

:ffective February 1, 1984

IN REPLY REFER TO:

United States Department of the Interior

Canyon Largo Unit
(015)

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
505 Marquette, N.W.
P.O. Box 6770
Albuquerque, New Mexico 87197-6770

#541

El Paso Exploration Company
Attention: Van L. Goebel
P.O. Box 4289
Farmington, New Mexico 87499

Gentlemen:

We received your letter dated October 23, 1984, on October 25, 1984, in which you request our approval of the 16th and 17th revision to the Dakota Participating Area, Canyon Largo Unit, Rio Arriba County, New Mexico. The request is based on the completion of the Canada Mesa Com No. 4 and Canada Mesa Com No. 4E as to the 16th revision and completion of the Canyon Largo Unit No. 318 as to the 17th revision.

In reviewing the schedules for the revisions we have detected the need for some corrections of the schedules including the recapitulation. The schedule for the proposed 16th revision should be corrected to reflect that the entire N½ section 10, T. 24 N., R. 6 W., NMPM will be added to the Dakota Participating Area. A similar correction is required in the schedule for the proposed 17th revision to reflect that the entire W½ section 13, T. 24 N., R 6 W., NMPM will be added under that revision. We will substitute the corrected pages to the schedules when we receive the corrections.

The Canyon Largo Unit agreement, in section 11, paragraph 2 says in part--"the Unit Operator shall determine whether said well is capable of producing unitized substances in paying quantities and shall advise the Supervisor, the Commissioner and the Commission of its conclusion in that regard, giving the data upon which its conclusion is based..." The data that is required in order to determine if the BLM agrees with El Paso's conclusion is engineering and economic data. Upon receipt of such data, the BLM will have 30 days in which to approve or disapprove these conclusions.

If this required engineering and economic data, along with the requested corrections to the schedules are not received by December 31, 1984, we will return the application to you unapproved.

If you have any questions or require any assistance, please contact Sue Umshler (766-2668) or Ron Bartel (766-2670).

Sincerely yours,

(ORIG. SGD.) GARY A. STEPHENS

For District Manager

---

cc:
Comm. Pub. Lands, SF
NMOCD, Santa Fe
Micrographics 943B-4
FRAH Fluids Section
File: Canyon Largo Unit (Dakota PA)
O&G Chron

015:RBartel:tt:11/27/84:0251M

El Paso
Exploration Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499-4289
PHONE: 505-325-2841

November 2, 1984

New Mexico Oil Conservation Division
Attention: Mr. Roy E. Johnson
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
First & Second Amendments to
1984 Drilling Program

Dear Mr. Johnson:

Pursuant to our telephone conversation this date, please find enclosed copies of our First Amendment to our 1984 Drilling Program. We have received approval from the BLM and Commissioner of Public Lands State of New Mexico, but have not received approval from your office. Also enclosed is a copy of our Second Amendment which has been approved by all the regulatory agencies.

If I can be of further assistance, please advise.

Yours very truly,

Van L. Goebel

Van L. Goebel
Senior Landman

VLG:ld
Enclosures
Canyon Largo Unit, 3.0

Approved
11-7-84
RE

IN REPLY REFER TO:

United States Department of the Interior

Canyon Largo Unit
14-08-001-1059

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
505 Marquette, N.W.
P.O. Box 6770
Albuquerque, New Mexico 87197-6770

NOV 30 1984

El Paso Exploration Company
Attention: Mr. Alan Alexander
P.O. Box 4289
Farmington, New Mexico 87499-4289

Gentlemen:

Two approved copies of your 1984 Plan of Development for the third amendment to the drilling program of the Canyon Largo No. 14-08-001-1059 Unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing the drilling of well No. 345 in the drilling block E½ 36-25N-7W in the Gallup Formation, and the drilling of the Salazar No. 9 in the drilling block N½NE¼ 22-25N-6W (only acreage committed to unit) in the Pictured Cliffs/Chacra Formations, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) GARY A. STEPHENS

For District Manager

Enclosure

---

cc:
NMOCD, Santa Fe
Comm. of Pub. Lands, Santa Fe
Micrographics 943B-4
Fluids Section FRAH
File: POD
O&G Chron

015:JGilmore:tt:11/29/84:0256M

El Paso
Exploration Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499-4289
PHONE: 505-325-2841

November 16, 1984

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Third Amendment of 1984 Drilling Program

Gentlemen:

The 1984 Drilling Program for the Canyon Largo Unit, which was submitted to you by our letter of January 27, 1984, has been approved. By letters dated March 30, 1984 and September 17, 1984, El Paso submitted the First and Second Amendments to the 1984 Drilling Program.

Subsequent to the submittal of said letters of January 27, 1984, March 30, 1984 and September 17, 1984, two (2) additional wells have been proposed. The #345 well will be drilled by Merrion Oil & Gas Corporation, sub-operator in the Unit. El Paso Natural Gas Company, as Unit Operator, has designated the above as agent for the purpose of developing certain other acreage within this Unit as to the Gallup and Mesaverde formations during 1984. The additional wells proposed to be drilled are:

Well No.	Drilling Block	Formation
#345	E/2 36-25N-7W	Gallup
Salazar #9	N/2 NE/4 22-25N-6W (only acreage committed to Unit)	Pictured Cliffs/Chacra

All necessary working interest owners have been contacted and advised of these additions to the Drilling Program. If this amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Alan Alexander

Alan Alexander
District Land Manager

AA:VLG:ld
attachments
Canyon Largo Unit, 3.0

APPROVED: _____ DATE: _____

Area Oil & Gas Supervisor
Bureau of Land Management
(Subject to like approval by
the Commissioner of Public Lands
and the Oil Conservation Division)

APPROVED: _____ DATE: _____

Commissioner of Public Lands
(Subject to like approval by
the Bureau of Land Management
and the Oil Conservation Division

APPROVED: Roy E Johnson DATE: 11-19-84

Oil Conservation Division
(Subject to like approval by
the Bureau of Land Management
and the Commissioner of Public
Lands)

The foregoing approvals are for the Third Amendment to the 1984 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT WORKING INTEREST OWNERS

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company

Arco Oil & Gas Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack & Tommy Bolack
General Partners-Bolack Minerals

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis & Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. &
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts, No. 1,2,3

J. Gregory Merrion

Merrion Oil & Gas Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

PC, Inc.

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Speerex

Tenneco Oil & Gas Company

Richard T.C. Tully

J. Glenn Turner, Jr. &
Mercantile National Bank @ Dallas, TX
as Trustees under a Trust Agreement
created for the benefit of
Mary Frances Turner, Jr. (3095)

Mr. Frederick Eugene Turner

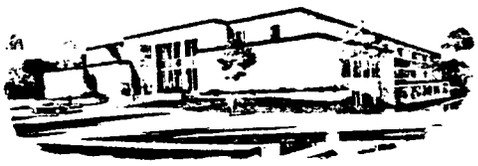
Mr. J. Glenn Turner, Jr.

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

State of New Mexico



Commissioner of Public Lands

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Exploration Company
P. O. Box 289
Farmington, New Mexico 87401

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
Second Amendment of 1984 Drilling Program

ATTENTION: Mr. Alan Alexander

Gentlemen:

The Commissioner of Public Lands has this date approved your Second Amended 1984 Drilling Program for the Canyon Largo Unit Area, Rio Arriba County, New Mexico. Such program provides for the drilling of unit wells No. 182, 347, 348, 349 and 350. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Roswell, New Mexico
BLM-Albuquerque, New Mexico

El Paso
Exploration Company

P.O. BOX 289
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

October 26, 1984

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197-6770

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Sixteenth & Seventeenth Participating Area
Dakota Formation Effective August 1, 1983 &
December 1, 1983, Respectively

Gentlemen:

In our letter dated October 23, 1984 we submitted the referenced. It has come to our attention that the referenced portion at the top of the letter contained a typing error. Please be advised that the effective dates for the Sixteenth & Seventeenth expansions should read August 1, 1983 and December 1, 1983, respectively, not 1984 as was indicated.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel

Van L. Goebel
Senior Landman

VLG:ld
Enclosure
Canyon Largo Unit, 4.3

CANYON LARGO UNIT
WORKING INTEREST OWNERS
DAKOTA FORMATION

R. L. Bayless

Getty Oil Company

Hondo Oil & Gas Company
(Atlantic Richfield Co.)

Sims Oil Company

J. Gregory Merrion

PC, Inc.

The Wiser Oil Company

Bolack Minerals Company

Speerex

Richard T. C. Tully

El Paso
Exploration Company

P. O. BOX 4289
FARMINGTON, NEW MEXICO 87499-4289
PHONE: 505-325-2841

October 23, 1984

Bureau of Land Management
South Central Region
Post Office Box 6770
Albuquerque, New Mexico 87197

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Sixteenth & Seventeenth Participating Area
Dakota Formation Effective August 1, 1984 &
December 1, 1984, Respectively

Gentlemen:

Pursuant to Section 11 of the Canyon Largo Unit Agreement, #14-08-001-1059, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the dates indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Dakota Formation and that the Participating Area for the Dakota Formation is expanded accordingly as follows:

SIXTEENTH EXPANDED PARTICIPATING AREA - EFFECTIVE AUGUST 1, 1983

Drilling Block	Net Acres	Well Name
*S/2 NE/4 Sec. 10, T24N, R6W	80.00	Canada Mesa Com #4
*S/2 NW/4 Sec. 10, T24N, R6W	80.00	Canada Mesa Com #4 E

*Only acreage committed to Unit

SEVENTEENTH EXPANDED PARTICIPATING AREA - EFFECTIVE DECEMBER 1, 1983

Drilling Block	Net Acres	Well Name
*SW/4 Sec. 13, T24N, R6W	160.00	Canyon Largo Unit #318

*Only acreage committed to Unit

The lands described above are proven productive by the following:

The Canada Mesa Com #4 well was completed on July 19, 1983. The Dakota Formation was tested on July 20, 1983 with an after frac gauge of 687 Mcfg/d. The spacing unit for this well is described as the N/2 (S/2 N/2 only acreage committed to Unit) of Section 10, T24N, R6W, N.M.P.M., containing 320.00 acres.

The Canada Mesa Com #4 E well was completed on July 22, 1983. The Dakota Formation was tested on July 25, 1983 with an after frac guage of 472 Mcfg/d. The spacing unit for this well is described as the N/2 (S/2 N/2 only acreage committed to Unit) of Section 10, T24N, R6W, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #318 well was completed on October 27, 1983. The Dakota Formation was tested on November 3, 1983 with an after frac guage of 294 Mcfg/d. The spacing unit for this well is described as the W/2 (SW/4 only acreage committed to the Unit) of Section 13, T24N, R6W, N.M.P.M., containing 320.00 acres.

Inasmuch as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made therefore, and in the absence of disapproval, the Sixteenth & Seventeenth Expanded Participating Area for the Dakota Formation will become effective as of August 1, 1983 and December 1, 1983, respectively.

Attached hereto are Schedules XVII and XVIII showing the Sixteenth and Seventeenth Expanded Participating Area for the Dakota Formation of the Canyon Largo Unit. These schedules describe the Participating Area, shows the percentage of unitized substances allocated to the unitized tracts and the exact breakdown of the percentage allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

Van L. Goebel

Van L. Goebel
Senior Landman

VLG:ld
enclosures
Canyon Largo Unit, 4.3

xc: Mr. Antonio Martinez, Executive Director
New Mexico Oil & Gas Accounting Division

CANYON LARGO UNIT
WORKING INTEREST OWNERS
DAKOTA FORMATION

R. L. Bayless

Getty Oil Company

Hondo Oil & Gas Company
(Atlantic Richfield Co.)

Sims Oil Company

J. Gregory Merrion

PC, Inc.

The Wiser Oil Company

Bolack Minerals Company

William R. Speer

Richard T. C. Tully

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 16			7.500935%
SF 078874	T-24-N, R-6-W	640.00				
	Sec. 3: Lots 7, 8, 9, 10, SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
	Sec. 4: Lots 7, 8, 9, 10, SE/4		El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 17			3.750467%
SF 078875	T-25-N, R-6-W	320.00				
	Sec. 33: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 19			11.251402%
SF 078877	T-24-N, R-6-W	960.00				
	Sec. 11: E/2		Royalty;	12.500000%	12.500000%	
	Sec. 12: N/2 SE/4, NE/4, W/2		Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
	Sec. 13: W/2 NE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 24			3.750467%
SF 078882	T-25-N, R-6-W	320.00				
	Sec. 17: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 25			0.477246%
SF 078883	T-25-N, R-6-W Sec. 4: Lot 1	40.72	Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 26			18.752336%
SF 078884	T-25-N, R-6-W Sec. 12: All Sec. 13: All Sec. 14: E/2	1600.00	Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 27			24.416949%
SF 078885	T-25-N, R-6-W Sec. 1: Lots 1, 2, 3, 4, S/2 N/2, S/2 (All) Sec. 3: Lots 1, 2, 3, 4, S/2 N/2, S/2 (All) Sec. 10: SE/4 Sec. 11: All	2083.32	Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 27-A			1.875234%
SF 078885-A	T-25-N, R-6-W Sec. 10: NE/4	160.00	Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 31			3.750467%
SF 078925	T-24-N, R-6-W	320.00				
	Sec. 25: E/2		Royalty;	12.500%	12.500%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750%	78.750%	
			ORRI;	8.750%	8.750%	
			TOTAL	100.000%	100.000%	
			TRACT 32			0.472324%
SF 078957	T-24-N, R-6-W	40.30				
	Sec. 3: Lots 1, 2		Royalty;	12.500%	12.500%	
	Sec. 4: Lots 1, 2		Working Interest:			
			El Paso Natural Gas Co.;	78.750%	78.750%	
			ORRI;	8.750%	8.750%	
			TOTAL	100.000%	100.000%	
			TRACT 41			0.476895%
SF 079177	T-25-N, R-6-W	40.69				
	Sec. 4: Lot 2		Royalty;	12.500%	12.500%	
			Working Interest:			
			J. Gregory Merrion;	36.250%	36.250%	
			R. L. Bayless;	36.250%	36.250%	
			ORRI;	15.000%	15.000%	
			TOTAL	100.000%	100.000%	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

;ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU. PARTICIPATIO
			OWNERSHIP	PERCENTAGE		
			TRACT 46			6.157799%
SF 080594	T-24-N, R-6-W	525.40				
	Sec. 1: Lots 1-12		Royalty;	12.500%	12.500%	
			Working Interest:			
			Kimbell Oil Co.:	65.625%	65.625%	
			ORRI;	21.875%	21.875%	
			TOTAL	100.000%	100.000%	
	Sec. 13: SE/4		Royalty;	12.500%	12.500%	
			Working Interest:			
			Bolack Minerals Co.;	87.500%	87.500%	
			ORRI;	.000%	.000%	
			TOTAL	100.000%	100.000%	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIC
			TRACT 46-A			0.000000%
SF 080594-A	T-24-N, R-6-W	160.00				
	Sec. 1: SE/4		Royalty;	12.500000%	.000000%	
			Working Interest:			
			Kimbell Oil Co.;	65.625000%	.000000%	
			ORRI;	21.875000%	.000000%	
			TOTAL	100.000000%	.000000%	
			TRACT 46-B			0.000000%
SF 080594-B	T-24-N, R-6-W	160.00				
	Sec. 1: SW/4		Royalty;	12.500000%	.000000%	
			Working Interest:			
			Kimbell Oil Co.;	65.625000%	.000000%	
			ORRI;	21.875000%	.000000%	
			TOTAL	100.000000%	.000000%	
			TRACT 55			2.818828%
E-291-37	T-25-N, R-6-W	240.51				
	Sec. 2: Lot 4, SW/4 NW/4, SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			The Wiser Oil Company;	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 55-A			1.875234%
E-291-3	T-25-N, R-6-W	160.00				
	Sec. 36: NE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Wiser Oil Company;	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU. PARTICIPATIO
			TRACT 56			1.875234%
E-291-5	T-25-N, R-6-W	160.00				
	Sec. 2: SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Hondo Oil and Gas;	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 56-B			0.937617%
E-291-5	T-25-N, R-6-W	80.00				
	Sec. 36: S/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 57-A			0.937617%
E-291-7	T-25-N, R-6-W	80.00				
	Sec. 36: N/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Ibex, Inc.	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 58			1.885196%
E-291-35	T-25-N, R-6-W	160.85				
	Sec. 2: Lots 1, 2, S/2 NE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:*	82.500000%	82.500000%	
			ORRI;	5.000000%	5.000000%	
			TOTAL	100.000000%	100.000000%	
			*Working Interest:			
			Gas - El Paso Natural Gas Co.	(82.500000%)	(82.500000%)	
			Oil - Burton-Hawks, Inc.	(82.500000%)	(82.500000%)	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 59			0.943243%
:-291-35	T-25-N, R-6-W	80.48				
	Sec. 2: Lot 3, SE/4 NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:*	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			*Working Interest:			
			Gas - El Paso Natural Gas Co.	(87.500000%)	(87.500000%)	
			Oil - Burton-Hawks, Inc.	(87.500000%)	(87.500000%)	
			TRACT 69			2.344042%
'ee	T-25-N, R-6-W	200.00				
	Sec. 4: S/2 NE/4, NE/4 SE/4, S/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Getty Oil Co.	82.500000%	82.500000%	
			ORRI;	5.000000%	5.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 70			.000000%
'ee	T-25-N, R-6-W	40.00				
	Sec. 4: NW/4 SE/4		Royalty;	25.000000%	.000000%	
			Working Interest:			
			J. Gregory Merrion	37.500000%	.000000%	
			R. L. Bayless	37.500000%	.000000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	.000000%	
			TRACT 78			1.875234%
'ee	T-24-N, R-6-W	160.00				
	Sec. 10: S/2 N/2		Royalty;	--0--	--0--	
			Working Interest:			
			Merrion,Oil & Gas Corp.	100.00%	100.00%	
			ORRI;	--0--	--0--	
			TOTAL	100.00%	100.00%	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 79			0.937617%
Fee	T-24-N, R-6-W	80.00				
	Sec. 12: S/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 79-A			0.937617%
Fee	T-24-N, R-6-W	80.00				
	Sec. 13: E/2 NE/4		Royalty;	.000000%	.000000%	
			Working Interest:			
			J. Gregory Merrion	10.000000%	10.000000%	
			J. Gregory Merrion, Individually and as Trustee	90.000000%	90.000000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

R E C A P I T U L A T I O N

Description of Lands in Participating Area:

Township 24 North, Range 6 West, N.M.P.M.

Sections 1, 12: All
Sections 3, 4, 11, 25: E/2
Section 10: S/2 N/2
Section 13: E/2

Township 25 North, Range 6, West, N.M.P.M.
Sections 1, 2, 3, 11, 12, 13: All
Sections 10, 14, 33, 36: E/2
Section 4: E/2
Section 17: W/2

Total Number of Acres in Participating Area: 8,892.27
Total Number of Acres Committed to Participating Area: 8,532.27

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 16			7.362864%
SF 078874	T-24-N, R-6-W	640.00				
	Sec. 3: Lots 7, 8, 9, 10, SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
	Sec. 4: Lots 7, 8, 9, 10, SE/4		El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 17			3.681432%
SF 078875	T-25-N, R-6-W	320.00				
	Sec. 33: E/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 19			11.044296%
SF 078877	T-24-N, R-6-W	960.00				
	Sec. 11: E/2		Royalty;	12.500000%	12.500000%	
	Sec. 12: N/2 SE/4, NE/4, W/2		Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
	Sec. 13: W/2 NE/4		ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 24			3.681432%
SF 078882	T-25-N, R-6-W	320.00				
	Sec. 17: W/2		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 25			0.468462%
SF 078883	T-25-N, R-6-W	40.72				
	Sec. 4: Lot 1		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 26			18.407159%
SF 078884	T-25-N, R-6-W	1600.00				
	Sec. 12: All		Royalty;	12.500000%	12.500000%	
	Sec. 13: All		Working Interest:			
	Sec. 14: E/2		El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 27			23.967502%
SF 078885	T-25-N, R-6-W	2083.32				
	Sec. 1: Lots 1, 2, 3, 4, S/2 N/2, S/2 (All)		Royalty;	12.500000%	12.500000%	
			Working Interest:			
	Sec. 3: Lots 1, 2, 3, 4, S/2 N/2, S/2 (All)		El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
	Sec. 10: SE/4		TOTAL	100.000000%	100.000000%	
	Sec. 11: All					
			TRACT 27-A			1.840716%
SF 078885-A	T-25-N, R-6-W	160.00				
	Sec. 10: NE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750000%	78.750000%	
			ORRI;	8.750000%	8.750000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIC
			TRACT 31			3.681432%
SF 078925	T-24-N, R-6-W	320.00				
	Sec. 25: E/2		Royalty;	12.500%	12.500%	
			Working Interest:			
			El Paso Natural Gas Co.;	78.750%	78.750%	
			ORRI;	8.750%	8.750%	
			TOTAL	100.000%	100.000%	
			TRACT 32			0.463630%
SF 078957	T-24-N, R-6-W	40.30				
	Sec. 3: Lots 1, 2		Royalty;	12.500%	12.500%	
	Sec. 4: Lots 1, 2		Working Interest:			
			El Paso Natural Gas Co.;	78.750%	78.750%	
			ORRI;	8.750%	8.750%	
			TOTAL	100.000%	100.000%	
			TRACT 41			0.468117%
SF 079177	T-25-N, R-6-W	40.69				
	Sec. 4: Lot 2		Royalty;	12.500%	12.500%	
			Working Interest:			
			J. Gregory Merrion;	36.250%	36.250%	
			R. L. Bayless;	36.250%	36.250%	
			ORRI;	15.000%	15.000%	
			TOTAL	100.000%	100.000%	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIC
			TRACT 46			7.885167%
SF 080594	T-24-N, R-6-W	685.40				
	Sec. 1: Lots 1-12		Royalty;	12.500%	12.500%	
			Working Interest:			
			Kimbell Oil Co.:	65.625%	65.625%	
			ORRI;	21.875%	21.875%	
			TOTAL	100.000%	100.000%	
	Sec. 13: SE/4		Royalty;	12.500%	12.500%	
			Working Interest:			
			Bolack Minerals Co.;	87.500%	87.500%	
			ORRI;	.000%	.000%	
			TOTAL	100.000%	100.000%	
	Sec. 13: SW/4		Royalty;			
			Working Interest:	12.500%	12.500%	
			Bolack Minerals Co.:	54.687%	54.687%	
			Speerex:	21.875%	21.875%	
			Richard Tully:	10.938%	10.938%	
			ORRI;	-0-	-0-	
				100.000%	100.000%	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 46-A			0.000000%
SF 080594-A	T-24-N, R-6-W	160.00				
	Sec. 1: SE/4		Royalty;	12.500000%	.000000%	
			Working Interest:			
			Kimbell Oil Co.;	65.625000%	.000000%	
			ORRI;	21.875000%	.000000%	
			TOTAL	100.000000%	.000000%	
			TRACT 46-B			0.000000%
SF 080594-B	T-24-N, R-6-W	160.00				
	Sec. 1: SW/4		Royalty;	12.500000%	.000000%	
			Working Interest:			
			Kimbell Oil Co.;	65.625000%	.000000%	
			ORRI;	21.875000%	.000000%	
			TOTAL	100.000000%	.000000%	
			TRACT 55			2.766941%
-291-37	T-25-N, R-6-W	240.51				
	Sec. 2: Lot 4, SW/4 NW/4, SW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			The Wiser Oil Company;	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 55-A			1.840716%
-291-3	T-25-N, R-6-W	160.00				
	Sec. 36: NE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Wiser Oil Company;	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT

ERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 56			1.840716%
E-291-5	T-25-N, R-6-W	160.00				
	Sec. 2: SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Hondo Oil and Gas;	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 56-B			0.920358%
E-291-5	T-25-N, R-6-W	80.00				
	Sec. 36: S/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 57-A			0.920358%
E-291-7	T-25-N, R-6-W	80.00				
	Sec. 36: N/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Ibex, Inc.	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 58			1.850495%
E-291-35	T-25-N, R-6-W	160.85				
	Sec. 2: Lots 1, 2, S/2 NE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:*	82.500000%	82.500000%	
			ORRI;	5.000000%	5.000000%	
			TOTAL	100.000000%	100.000000%	
			*Working Interest:			
			Gas - El Paso Natural Gas Co.	(82.500000%)	(82.500000%)	
			Oil - Burton-Hawks, Inc.	(82.500000%)	(82.500000%)	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU. PARTICIPATIO
			TRACT 59			0.925880%
E-291-35	T-25-N, R-6-W	80.48				
	Sec. 2: Lot 3, SE/4 NW/4		Royalty;	12.500000%	12.500000%	
			Working Interest:*	87.500000%	87.500000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	
			*Working Interest:			
			Gas - El Paso Natural Gas Co.	(87.500000%)	(87.500000%)	
			Oil - Burton-Hawks, Inc.	(87.500000%)	(87.500000%)	
			TRACT 69			2.300895%
Fee	T-25-N, R-6-W	200.00				
	Sec. 4: S/2 NE/4, NE/4 SE/4, S/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			Getty Oil Co.	82.500000%	82.500000%	
			ORRI;	5.000000%	5.000000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 70			.000000%
Fee	T-25-N, R-6-W	40.00				
	Sec. 4: NW/4 SE/4		Royalty;	25.000000%	.000000%	
			Working Interest:			
			J. Gregory Merrion	37.500000%	.000000%	
			R. L. Bayless	37.500000%	.000000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	.000000%	
			TRACT 78			1.840716%
Fee	T-24-N, R-6-W	160.00				
	Sec. 10: S/2 N/2		Royalty;	--0--	--0--	
			Working Interest:			
			Merrion Oil & Gas Corp.	100.00%	100.00%	
			ORRI;	--0--	--0--	
			TOTAL	100.00%	100.00%	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
			TRACT 79			0.920358%
Fee	T-24-N, R-6-W	80.00				
	Sec. 12: S/2 SE/4		Royalty;	12.500000%	12.500000%	
			Working Interest:			
			El Paso Natural Gas Co.;	75.000000%	75.000000%	
			ORRI;	12.500000%	12.500000%	
			TOTAL	100.000000%	100.000000%	
			TRACT 79-A			0.920358%
Fee	T-24-N, R-6-W	80.00				
	Sec. 13: E/2 NE/4		Royalty;	.000000%	.000000%	
			Working Interest:			
			J. Gregory Merrion	10.000000%	10.000000%	
			J. Gregory Merrion, Individually and as Trustee	90.000000%	90.000000%	
			ORRI;	.000000%	.000000%	
			TOTAL	100.000000%	100.000000%	

SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
			OWNERSHIP	PERCENTAGE		

R E C A P I T U L A T I O N

Description of Lands in Participating Area:

Township 24 North, Range 6 West, N.M.P.M.

Sections 1, 12: All
Sections 3, 4, 11, 25: E/2
Section 10: S/2 N/2
Section 13: E/2, SW/4

Township 25 North, Range 6, West, N.M.P.M.
Sections 1, 2, 3, 11, 12, 13: All
Sections 10, 14, 33, 36: E/2
Section 4: E/2
Section 17: W/2

Total Number of Acres in Participating Area: 9,052.27
Total Number of Acres Committed to Participating Area: 8,692.27

Canyon Largo Unit, 3.0

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

September 24, 1984

RECEIVED
NOV - 7 1984
OIL CONSERVATION DIVISION
SANTA FE

El Paso Exploration Company
P.O. Box 289
Farmington, NM 87401

Attention: Alan Alexander

Re: Canyon Largo Unit
#14-08-001-1059
Rio Arriba County, NM,
Second Amendment of 1984
Drilling Program

Dear Mr. Alexander:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

Roy E. Johnson

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

El Paso
Exploration Company

P. O. BOX 289
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841
Ext. 3104

September 17, 1984

#541

Bureau of Land Management
South Central Region
505 Marquette Avenue NW, Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
Second Amendment of 1984 Drilling Program

Gentlemen:

The 1984 Drilling Program for the Canyon Largo Unit, which was submitted to you by our letter of January 27, 1984, has been approved. By letter dated March 30, 1984 El Paso submitted the First Amendment to the 1984 Drilling Program.

Subsequent to the submittal of said letters of January 27, 1984 and March 30, 1984, five (5) additional wells have been proposed by Merrion Oil & Gas Corporation, Sub-Operator in the Unit. El Paso Natural Gas Company, as Unit Operator, has designated the above as agent for the purpose of developing certain other acreage within this Unit as to the Gallup and Mesaverde formation during 1984. The additional wells proposed to be drilled are:

Well No.	Drilling Block	Formation
#182	E½ Section 2-24N-7W	Gallup
#347	E½ Section 1-24N-7W	Mesaverde
#348	W½ Section 6-24N-6W	Mesaverde
#349	W½ Section 8-24N-6W	Mesaverde
#350	W½ Section 6-24N-6W	Mesaverde

All necessary working interest owners have been contacted and advised of these additions to the Drilling Program. If this amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

Alan Alexander

Alan Alexander
District Land Manager

AA:VLG:ld
attachments
Canyon Largo Unit 3.0

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company

Atlantic Richfield Company

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts
No. 1, 2, 3

J. Gregory Merrion

Merrion Petroleum Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Tenneco Oil Exploration and Production

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

APPROVED: _____ DATE: _____

Area Oil & Gas Supervisor
Bureau of Land Management
(Subject to like approval by
the Commissioner of Public
Lands and the Oil Conserva-
tion Division)

APPROVED: _____ DATE: _____

Commissioner of Public Lands
(Subject to like approval by
the Bureau of Land Management
and the Oil Conservation
Division)

APPROVED: Roy E Johnson DATE: 9-24-84

Oil Conservation Division
(Subject to like approval by
the Bureau of Land Management
and the Commissioner of Public
Lands)

The foregoing approvals are for the Second Amendment to the 1984 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

KEEPING OUR LAND PRODUCTIVE . . . BUILDING NEW MEXICO

EXPERIMENTAL FARM

AGRICULTURAL RESEARCH

B SQUARE RANCH

TOM BOLACK, OWNER

RT. 3 SOUTH BOX 47
FARMINGTON, NEW MEXICO

July 10, 1984

Richard A. Wilson
Contract Administration
El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: Bolack Minerals Company
Canyon Largo Unit Com #318 Well (DK)
T-24-N, R-6-W, N.M.P.M.
Section 13: W/2
Rio Arriba County, New Mexico

Dear Mr. Wilson:

Introduction

This letter and its enclosures are being written to provide El Paso Natural Gas Company ("EPNG") with a chronology of events surrounding the drilling of the above-captioned well, the current status of the well, and what actions Bolack Minerals Company ("BMC") as operator of the well plans to take in the future.

For purposes of title clearance, all of the interests of Tom Bolack and the Estate of Alice N. Bolack, Deceased, have been transferred to Bolack Minerals Company, a New Mexico limited partnership. The name of Bolack Minerals Company will be used herein even though during the times stated hereinafter the interests may not have been transferred to BMC.

It is the position of BMC that EPNG has not acted as a prudent and reasonable Unit Operator for the Canyon Largo Unit in the best interests of the working interest owners of the Dakota Participating Area of the Unit. Further, it is the position of BMC that EPNG has also acted in an arbitrary, unreasonable, and illegal manner pertaining to the purchase of the natural gas production from this well.

Accordingly, copies of this letter and its enclosures are being sent to the regulatory agencies with authority over the Canyon Largo Unit (NMOCD, BLM, and NM Commissioner of Public Lands) as well as to all working interest owners in the CLU Com #318 Well.

Enclosures

Enclosed herewith for information and ready reference are a "Chronology of Events" and copies of applicable agreements, correspondence, reports, orders, and determinations relevant to this matter. These enclosures will highlight and confirm the statements of BMC in its allegations, contentions, and statements against EPNG.

Drainage

In the years of 1963, 1971, 1972, and 1974 there were four Dakota wells drilled and first produced by EPNG, Merrion & Bayless, and Gulf Oil Corporation on lands immediately adjacent to Section 13, T-24-N, R-6-W, N.M.P.M. These wells produced natural gas and associated hydrocarbons for many years, and EPNG as Unit Operator of the Canyon Largo Unit never requested the drilling of a Dakota well in Section 13. Even though there is acreage within Section 13 (NW/4) which is not included within the Canyon Largo Unit, EPNG has never protected the CLU Dakota working interest owners by drilling a DK well in Section 13.

BMC as the 100% owner of the working interest in the Dakota Formation in the S/2 of Section 13 requested EPNG on October 17, 1979 to include a Dakota well in the CLU 1980 Drilling Program. BMC desired to have the well drilled on BMC's lease in the SE/4, and it would pay for 100% of the costs and expenses of the well. If the well was determined commercial, then the CLU Dakota Participating Area would be expanded, and BMC would receive credit for its payment of the costs and expenses.

In November, 1979 EPNG orally advised BMC that a S/2 dedication could not be made, and an E/2 dedication would be used. The E/2 dedication to this well resulted in BMC's working interest in the well being reduced to 50%, and another party would pay the remaining 50% as it was the owner of the working interest in the NE/4 of Section 13. It was BMC's information that after this well was drilled as a commercial producer, the Dakota Participating Area would be expanded

to include the E/2 of Section 13. The W/2 of Section 13 would then become an intervening drilling block, also to be included in the Dakota Participating Area, and EPNG as CLU Unit Operator would drill another Dakota well in Section 13 within one year.

During 1980 EPNG secured approval of its CLU Drilling Program; filed an Application for Permit to Drill the Canyon Largo Unit #297 Well; and spud the CLU #297 Well (DK) on September 17, 1980.

The CLU #297 Well was completed on January 20, 1981, and first produced on July 1, 1981. At the time the well was connected to the EPNG gathering system, there was not a dedication of BMC's 50% interest in the well to an existing gas purchase contract.

Thus, even though the first Dakota well offsetting Section 13 was first produced in 1963, and the fourth offsetting Dakota well first produced in 1974, it was not until June 1, 1981 (almost 18 years after the first well's initial production, and over 7 years after the fourth well's initial production) that a Dakota well was completed and first produced in Section 13. For those wells included within the Dakota Participating Area of the CLU since June 1, 1981, the CLU #297 Well has been the highest single well producer of natural gas through December 31, 1983.

CLU Dakota Participating Area

On September 23, 1981 EPNG requested the Canyon Largo Unit working interest owners to submit proposed wells to be included in the CLU's 1982 Drilling Program. At about this same time EPNG advised BMC that only the SE/4 of Section 13, and not the SW/4 of Section 13 owned by BMC, would be included in the Dakota Participating Area of the CLU. Further, EPNG advised for the first time the W/2 of Section 13 was not an intervening drilling block in the CLU.

On October 16, 1981 BMC requested EPNG to drill a Dakota well in the W/2 of Section 13, and objected to not including all of Section 13 into the Dakota Participating Area of the Canyon Largo Unit.

On December 16, 1981 EPNG submitted a revision to Tract

No. 46 of the Fifteenth Expanded Participating Area for the Dakota Formation of the CLU to the regulatory agencies. Tract No. 46 as revised included only the SE/4 of Section 13 as being included in the Dakota Participating Area.

Canyon Largo Unit Com #318 Well

On January 15, 1982 EPNG submitted and BMC executed a Well Cost Estimate for the Canyon Largo Unit #302 Well to be located in the W/2 of Section 13. The name of this well was later changed (on March 17, 1982) to the Canyon Largo Unit Com #318 Well.

On February 18, 1982 EPNG submitted the CLU 1982 Drilling Program to the CLU working interest owners. The CLU #302 Well (DK) was included in the Drilling Program, but the working interest ownership in the well was incorrectly stated.

On March 25, 1982 EPNG, after performing additional title work, requested the working interest owners in the NW/4 of Section 13 to join in the drilling of the CLU Com #318 Well.

Six months later, on September 30, 1982, EPNG advised BMC that it should drill the CLU Com #318 Well as a sub-operator in the CLU. EPNG advised BMC that the title was not clear in the NW/4 of Section 13, and BMC should initiate a forced-pooling hearing or a quiet title suit. The reasons for turning the well over to BMC was based on (a) no working interest in the well by EPNG and (b) the NW/4 was outside the Unit boundaries. Thus, EPNG did not have a direct pecuniary interest in the well, and made its decision to not drill the well on title reasons instead of lack of potential production capability.

In October, 1982 BMC surveyed and staked the CLU Com #318 Well, and contacted all of the working interest owners in the W/2 of Section 13 to join in the drilling of the well. Title work was performed on the NW/4 of Section 13, and the working interest ownership in the Dakota Formation for the NW/4 of Section 13 was cleared by the end of October, 1982. In less than one month BMC cleared the title problems which EPNG could not clear in over 7 months!!

From November, 1982 until February, 1983, negotiations were undertaken with EPNG by BMC to secure a gas purchase contract for the CLU #297 Well that was already drilled, and for the CLU Com #318 Well to be drilled. The summary of these negotiations are detailed hereafter in another section.

Only after a gas purchase contract was executed by EPNG and BMC for the interests owned by BMC covering the S/2 of Section 13 did BMC prepare on March 15, 1983 and file an Application for Permit to Drill ("APD") the CLU Com #318 Well to the Dakota Formation in the W/2 of Section 13. Almost concurrently therewith, BMC filed an Application for Compulsory Pooling of the Dakota Formation in the W/2 of Section 13 against only one out of 25 working interest owners in the well. The Application for Compulsory Pooling was dismissed on April 5, 1983 when the one working interest owner made arrangements to join in the drilling of the well.

On April 12, 1983 BMC advised EPNG that the APD for the CLU for #318 Well would not be approved until EPNG as Unit Operator of the CLU filed and received approval for a Unit development plan which included this well. Even though BMC had advised EPNG to drill this well in October, 1981 (almost 1-1/2 years previously) EPNG had not included this well in a Drilling Program submitted to the regulatory agencies. EPNG did not submit the Drilling Program including the CLU Com #318 Well until June 23, 1983.

On July 29, 1983 the APD for the CLU Com #318 was finally approved by the Bureau of Land Management. The CLU Com #318 was spud September 1, 1983, and it was completed on October 27, 1983.

BMC advised EPNG on November 16, 1983 that the CLU Com #318 Well had been completed in the Dakota Formation. EPNG was further advised that it should take over as operator of the well since it is the Unit Operator of the CLU, and it should dispose of the gas production from the well.

At this time EPNG as Unit Operator of the CLU has never responded to the November 16, 1983 letter; it has not made a determination as to the commercial production capability of the well; and it has not connected the well to its gathering system.

Gas Purchase Contract

As mentioned previously, when the Canyon Largo Unit #297 Well was first produced into EPNG's gathering system on June 1, 1981, there was no gas purchase contract covering the 50% interest of BMC in the well.

Due to numerous errors and revisions in EPNG's Volume Statements, Settlement Statements, and check details during

1981, it was necessary for representatives of BMC (William R. Speer and Richard T. C. Tully) to meet with EPNG's Land Department and Accounting Department in El Paso, Texas on February 4 and 5, 1982. Among numerous items discussed, Mr. Speer and Mr. Tully attempted to resolve the accounting procedures on the CLU #297 Well and Tract No. 46 of the CLU. At this time BMC was not getting any of the production proceeds from the CLU #297 Well nor had BMC been advised how EPNG was going to reimburse BMC for the costs and expenses BMC had paid on the well.

After this conference the attempts to drill the CLU Com #318 Well took attention away from the CLU #297 Well. As stated above, EPNG attempted to secure the consent of the CLU Com #318 Well working interest owners in March, 1982 until September 30, 1982 when EPNG turned the drilling of the well over to BMC.

Although EPNG turned the drilling of the CLU Com #318 Well over to BMC, the lack of a gas purchase contract and the failure of EPNG to pay any production proceeds to BMC on the CLU #297 Well resulted in another conference with BMC representatives (Speer and Tully) and EPNG's Accounting Department and Gas Purchases Department in El Paso, Texas on November 3, 1982. In these conferences EPNG advised that no production proceeds would be released to BMC until a Division Order was signed, and a gas purchase contract was executed between EPNG and BMC. In these conferences BMC advised EPNG of the proration unit of the CLU #297 Well, and the working interest ownership therein as well as the future drilling of the CLU Com #318 Well. Further, BMC requested a gas purchase contract covering BMC's interest in all of the S/2 of Section 13, and not limited to the SE/4 of Section 13.

On November 8, 1982 EPNG sent a proposed Gas Purchase Agreement covering BMC's interest in a portion of Tract No. 46 of the CLU. The cover letter stated the Gas Purchase Contract was to cover the S/2 of Section 13, but Exhibit "A" to the Gas Purchase Contract described the lands to be commited as the E/2 of Section 13. Accompanying the cover letter and the proposed Gas Purchase Agreement was an EPNG Natural Gas Division Order covering Tract #46 of the CLU. Among other lands located in Tract No. 46, the Division Order covered all of the S/2 of Section 13. The Division Order provided that EPNG was to collect and account for the proceeds from the sale of natural gas allocated to Tract No. 46 under the terms of the Canyon Largo Unit Agreement. The Division Order further provided for the price to be paid for the natural gas whether the price was specified in a gas purchase contract or not.

In a letter dated November 19, 1982 BMC advised EPNG that the proposed Gas Purchase Agreement would not be executed, and BMC's interest in Tract No. 46 should be dedicated through an amendment to an existing gas purchase agreement. The above-described EPNG Division Order was also returned executed with the request to EPNG that BMC's interest in the S/2 of Section 13 and the rest of Tract #46 be placed in line for payment.

EPNG sent a cover letter dated December 8, 1982 and four copies of a proposed Supplemental Gas Purchase and Amendatory Agreements providing for the purchase and sale of BMC's interest in the Dakota Formation from the S/2 of Section 13 by adding this acreage to a previous BMC April 10, 1981 Gas Purchase Agreement. The cover letter and the land description both expressly described the lands being dedicated as the S/2 of Section 13.

In a letter dated January 17, 1983 EPNG advised BMC the proposed Supplemental Agreement providing for the purchase and sale of BMC's interest in the Dakota Formation from the S/2 of Section 13 was withdrawn.

On January 21, 1983 BMC returned four executed copies of the Supplemental Agreement to EPNG.

EPNG returned two completely executed copies of the Supplemental Agreement to BMC under cover letter dated February 4, 1984. EPNG revised Pages 1 and 9 of the Supplemental Agreement and inserted replacement pages, but did not change the land description of the S/2 of Section 13. One of the copies returned to BMC did not contain an appropriate EPNG officer signature, and it was returned to EPNG on February 8, 1983. On February 23, 1983 EPNG returned the properly executed Supplemental Agreement to BMC.

Over one year later, and after the CLU Com #318 Well was completed, EPNG requested BMC in a letter dated February 14, 1984 to amend the February 4, 1983 Supplemental Agreement to change the land description from the S/2 of Section 13 to the E/2 of Section 13 by stating the proration unit as originally provided by EPNG's Land Department for the CLU #297 Well was incorrect. It is interest to note the EPNG Land Department informed BMC of the E/2 dedication in November, 1979, but apparently did not advise its own Gas Purchases Department until February, 1984 (4-1/4 years later). Further, BMC advised the EPNG Gas Purchases Department in the conferences in November, 1982 of the proper dedication for the CLU #297 Well.

BMC advised EPNG on April 10, 1984 that the proration unit for the CLU #297 Well is the E/2 of Section 13, and that BMC owns a working interest in only the S/2 of Section 13. BMC advised EPNG that the requested amendment to the Supplemental Agreement would not be executed, and that it was the intention of BMC in executing the Supplemental Agreement to dedicate its interests in all of the S/2 of Section 13, and not all of the E/2 of Section 13 since BMC only owns an interest in the SE/4 of Section 13. EPNG had previously attempted to use the E/2 of Section 13 dedication in the Gas Purchase Agreement sent November 8, 1982 which BMC refused to sign.

EPNG responded on May 7, 1984 by advising it was not the intent of EPNG to cover the S/2 of Section 13, but rather the lands dedicated to the CLU #297 Well, which were the E/2 of Section 13.

As can be seen from the above review, on the one hand, EPNG with full knowledge of all the facts was turning over the drilling of the CLU Com #318 Well in the W/2 of Section 13 to BMC, and on the other hand, EPNG was taking the gas production without a gas purchase contract from the CLU #297 Well in the E/2 of Section 13. BMC succeeded in getting the CLU Com #318 Well drilled, and also secured a gas purchase agreement for BMC's interest in both wells since BMC owns the S/2 of Section 13. However, EPNG is now attempting to limit the gas dedication to only the E/2 of Section 13 and the CLU #297 Well because the land description in the Supplemental Agreement is for "informational purposes only".

It was and still is EPNG's duty and responsibility as Unit Operator of the Canyon Largo Unit to protect unitized substances from drainage, the prevention of waste, and the protection of correlative rights. The CLU Com #318 Well is completed and ready to produce in commercial quanities. EPNG has failed to take over the operations of this well and to connect it to its gathering system. The well was completed on October 27, 1983, and if it had been timely connected by EPNG, the well would have produced during the cold winter months. EPNG as Unit Operator has also caused BMC and the other working interest owners in the CLU Com #318 Well to come up with the money to pay for the drilling and completing costs and expenses of this well, but EPNG has not developed methods to reimburse the CLU Com #318 working interest owners for their investment.

Conclusions:

I. EPNG - Unit Operator

El Paso Natural Gas Company as Unit Operator of the Canyon Largo Unit has allowed probable drainage to occur for many years from the Dakota Formation underlying the unitized acreage located in Section 13, T-24-N, R-6-W, N.M.P.M. El Paso as Unit Operator continues to allow probable drainage from the W/2 of Section 13 since the Canyon Largo Unit Com #318 Well was completed on October 27, 1983, and this well is not connected to a gas gathering system. El Paso as Unit Operator is not protecting the working interest owners of the Dakota Participating Area of the Canyon Largo Unit and the working interest owners of the Canyon Largo Unit Com #318 Well by its failure to take over as operator of this well; to provide reimbursement or adjustments to these working interest owners who have or should have an interest in the production proceeds from this well; and to connect the Canyon Largo Unit Com #318 Well which is located within the same Section as the current largest single producing well located in the Dakota Participating Area of the Canyon Largo Unit.

II. EPNG - Gas Purchaser

El Paso Natural Gas Company gathered and sold the natural gas production attributable to Bolack Minerals Company's interest from the Canyon Largo Unit #297 Well from June 1, 1981 until February 4, 1983 without a valid and existing gas purchase agreement. El Paso drafted and presented for BMC's approval a proposed gas purchase contract, a division order, and related correspondence which dedicated BMC's interest in the Dakota Formation underlying the S/2 of Section 13, T-24-N, R-6-W, N.M.P.M. BMC intended to dedicate, and the relevant documents support the dedication of BMC's interest, in the S/2 of Section 13 notwithstanding El Paso's contention the land description included in the gas purchase agreement is for "informational purposes only". Finally, El Paso Natural Gas Company is a recipient of the production proceeds, and is the operator of the CLU #297 Well, the best producing Dakota Well in the CLU, but El Paso is prejudiced against operating the CLU Com #318 Well in which it does not have a working interest.

DEMAND is therefore made on El Paso Natural Gas Company as (a) Unit Operator of the Canyon Largo Unit, as (b) signatory

party to the Supplemental Gas Purchase and Amendatory Agreement dated February 4, 1983, and as (c) a common carrier under the New Mexico Oil and Gas Act, NMSA 70-2-19 (1978 Compilation), to take over as operator of the Canyon Largo Unit Com #318 Well under the terms of the Canyon Largo Unit Agreement and Unit Operating Agreement, to connect the well to its gas gathering system, and to purchase the natural gas production therefrom at the maximum lawful rate authorized under Section 103 of the Natural Gas Policy Act of 1978.

Very truly yours,

BOLACK MINERALS COMPANY

Tom Bolack, General Partner

Tommy Bolack, General Partner

xc w/encl.

D. N. Canfield
Attorney-in-Fact
El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Joe D. Ramey, Director
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

L. Paul Applegate, District Manager
U. S. Bureau of Land Management
P. O. Box 6770
Albuquerque, New Mexico 87107

Jim Baca
Commissioner of Public Lands
New Mexico State Land Office
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

xc w/o Encl.

ALL WORKING INTEREST OWNERS-CLU Com #318 Well

Richard T. C. Tully, Esq.
Tully & Cunningham, P. A.
P. O. Box 268
Farmington, New Mexico 87499

William R. Speer
Consulting Geologist
P. O. Box 255
Farmington, New Mexico 87499

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certified No. P671 739 628

SW/EWP/RT243LTR

CHRONOLOGY OF EVENTS

1952

July 22, 1952	Canyon Largo Unit Agreement and Canyon Largo Unit Operating Agreement executed with the Superior Oil Company as original Unit Operator.

1963

December 5, 1963	El Paso Natural Gas Company completes and first produces the Canyon Largo Unit #116 Well from the Dakota Formation. This well is located in the NE/4 SE/4 of Section 12, T-24-N, R-6-W, N.M.P.M.

1971

October 12, 1971	Gulf Oil Corporation completes and first produces the Apache #14 Well from the Dakota Formation. This well is located in the NE/4 NW/4 of Section 8, T-24-N, R-5-W, N.M.P.M.

1972

August 8, 1972	Merrion & Bayless completes and first produces the Canada Mesa #1 Well from the Dakota Formation. This well is located in the NE/4 NE/4 of Section 24, T-24-N, R-6-W, N.M.P.M.

1974

January 8, 1974	Merrion & Bayless completes and first produces the Canada Mesa #3 Well from the Dakota Formation. This well is located in the NE/4 NE/4 of Section 14, T-24-N, R-6-W, N.M.P.M. Section 13, T-24-N, R-6-W, N.M.P.M. is now surrounded on all sides by producing Dakota wells.

1979

October 17, 1979	Tom Bolack requests El Paso Natural Gas Company (EPNG) to drill a Dakota well in 1980 Drilling CLU Program in the SE/4 of Section 13, T-24-N, R-6-W, N.M.P.M.

November, 1979	EPNG through John Ahlm, Division Landman, Farmington office, informs William R. Speer, agent for Tom Bolack, that a S/2 dedication for the Canyon Largo Unit #297 Well is not possible due to the field rules. If there would have been a S/2 dedication, Tom Bolack would have owned 100% of the well. Tom Bolack agrees to an E/2 dedication and a 50% interest in the well with the belief and understanding that the SW/4 of Section 13 would be included in the Dakota Participating Area, as an intervening drilling block, after the CLU #297 Well was completed. There would then be a W/2 dedication for the subsequent well as an intervening drilling block which would lie between the E/2 dedication of the CLU #297 Well and the E/2 dedication of the producing Canada Mesa #3 Well located in Section 14.

1980

January 16, 1980	EPNG advises Bolack the Dakota well in the SE/4 of Section 13 (Canyon Largo Unit #297 Well) will be included in the 1980 Drilling Program for the Canyon Largo Unit.
January 25, 1980	Tom Bolack returns to EPNG an executed Well Cost Estimate for the Canyon Largo Unit #297 Well.
March 7, 1980	EPNG files an Application for Permit to Drill the Canyon Largo Unit #297 Well.
April 23, 1980	EPNG submits its 1980 Drilling Program for the Canyon Largo Unit to the USGS, New Mexico Commissioner of Public Lands, and the NMOCD. The CLU #297 Well is included in the Drilling Program. EPNG further states that as Unit Operator it "plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners."

June 13, 1980	EPNG advises the 1980 Drilling Program was approved by the regulatory bodies.
September 15, 1980	CLU #297 Well is spud.

1981

January 20, 1981	CLU #297 Well is completed and ready to produce from the Dakota Formation.
February 3, 1981	EPNG files Well Completion Report for the CLU #297 Well.
June 1, 1981	EPNG connects the CLU #297 Well and first produces the well into EPNG's gathering system. EPNG does not have an executed gas purchase contract covering Tom Bolack's 50% interest in the well. (SE/4 of Section 13)
September 23, 1981	EPNG requests Canyon Largo Unit working interest owners to submit proposed wells to be included in the Unit's 1982 Drilling Program.
September 25, 1981	William R. Speer, as agent for Tom Bolack, makes verbal inquiry of John Ahlm, Division Landman, on including all of the S/2 of Section 13, T-24-N, R-6-W, N.M.P.M. into the Dakota Participating Area of the Canyon Largo Unit. Mr. Ahlm advises the SW/4 of Section 13 will not be included in the Dakota Participating Area because the W/2 of Section 13 is not an intervening drilling block since the Canada Mesa #3 Well located in the E/2 of Section 14 is outside the Unit boundaries.
October 16, 1981	Tom Bolack requests EPNG as Unit Operator of the Canyon Largo Unit to drill a Dakota well in the NE/4 SW/4 of Section 13, T-24-N, R-6-W, N.M.P.M. Bolack also objects to not including all of Section 13 in the Dakota Participating Area of the Unit.
December 16, 1981	EPNG submits a revision to Tract No. 46 of the Fifteenth Expanded Participating Area for the Dakota Formation of the Canyon Largo Unit to the regulatory agencies. Tract No. 46 as revised includes only the SE/4 of Section 13 in the Dakota Participating Area.

1982

January 15, 1982	El Paso Exploration Company submits and Tom Bolack executes Well Cost Estimate for the Canyon Largo Unit "#302" Well to be located in the NE/4 SW/4 of Section 13, T-24-N, R-6-W, N.M.P.M.
February 4, 1982	William R. Speer and Richard Tully meet with EPNG's Land Department and Accounting Department in El Paso, Texas to resolve numerous problems including problems concerning the CLU #297 Well.
February 18, 1982	EPNG submits the 1982 Drilling Program to the Canyon Largo Unit working interest owners. The CLU #302 Dakota Well is included in the Drilling Program. The letter correctly states the SW/4 of Section 13 owned 100% by Bolack Minerals Company is within the Unit, and the NW/4 is not committed to the CLU. The letter incorrectly states 25% of the NW/4 of Section 13 is owned by Merrion Oil & Gas Corporation. Tom Bolack approves the 1982 Unit Drilling Program, which Program includes the statement that "Due care will be taken to protect the Unit from drainage...".
March 17, 1982	EPNG advises the name of the Canyon Largo Unit #302 Well will be changed to the Canyon Largo Unit Com #318 Well.
March 25, 1982	EPNG requests the working interest owners in the NW/4 of Section 13 to join in the drilling of the CLU Com #318 Well. This letter now recognizes that Merrion Oil & Gas Corporation is not the owner of the NW/4 NW/4 of Section 13. (25% interest in the NW/4)
June, 1982	EPNG institutes moratorium on contracting any additional gas supplies in the San Juan Basin. BMC's 50% in the CLU #297 Well is still not subject to an existing gas purchase contract.
September 17, 1982	The Land Department of EPNG, El Paso, Texas, advises John Ahlm, EPNG Division Landman, Farmington, New Mexico, there are 22 working interest owners in the NW/4 NW/4 of Section 13, and EPNG has not secured the consent of all these working interest owners to join in the drilling of the CLU Com #318 Well.

September 30, 1982	EPNG advises Bolack Minerals Company that it should drill the CLU Com #318 Well as a sub-operator in the Canyon Largo Unit, and that Bolack Minerals Company should clear the title problems with a forced pool hearing or a quiet title suit.
October 11, 1982	Bolack Minerals Company advises the U. S. Minerals Management Service that it plans to survey and stake the CLU Com #318 Well.
October 15, 1982	EPNG prepares a Designation of Agent to Bolack Minerals Company, and appoints BMC as Agent to drill a Dakota Well in the Canyon Largo Unit Area covering the SW/4 of Section 13. This "Designation of Agent does not relieve EPNG of its responsibilities as Unit Operator of the Canyon Largo Unit".
October 20, 1982	Bolack Minerals Company contacts all working interest owners in the W/2 of Section 13 to join in the drilling of the CLU Com #318 Well.
November 1, 1982	EPNG sends Designation of Agent for the CLU Com #318 Well to Richard Tully for filing with the MMS.
November 3, 1982	William Speer and Richard Tully met with EPNG's Gas Purchases Department in El Paso, TX to request a gas purchase contract for BMC's interest in Tract #46 of the Unit covering the S/2 of Section 13. The SE/4 of Section 13 is committed to the CLU #297 Well, and BMC will be drilling the CLU Com #318 Well as Agent for EPNG in the Canyon Largo Unit.
November 4, 1982	EPNG issues a Natural Gas Division Order to BMC covering Tract #46 of the Canyon Largo Unit. Among other lands, Tract No. 46 covers the Dakota Formation of the S/2 of Section 13. The Division Order provides that EPNG is to collect and account for the proceeds from the sale of natural gas and components allocated to Tract No. 46 under the terms of the Canyon Largo Unit Agreement. The settlement price for the natural gas and components

shall be the price specified by the Gas Purchase Contract. If there is not a Gas Purchase Contract, the price shall be the applicable area rate established by the FPC for the area for gas of like quality and pressure, and the settlement price shall be the price at the wellhead.

November 8, 1982 — EPNG sends a proposed Gas Purchase Agreement covering BMC's interest of a portion of Tract No. 46 of the Canyon Largo Unit. The cover letter shows the Gas Purchase Agreement is to cover the S/2 of Section 13. Exhibit "A" to the Gas Purchase Agreement describes the lands to be committed as the E/2 of Section 13. The Division Order dated November 4, 1982 as described above and accompanying this cover letter describes the Bolack interests being located in the S/2 of Section 13, among other lands.

November 19, 1982 — BMC advises EPNG that the new Gas Purchase Agreement will not be executed, because it contains certain new terms and provisions that are unacceptable, and BMC's interest in Tract No. 46 should be included through an amendment to an existing Bolack gas purchase agreement. The EPNG Division Order dated November 4, 1982 was executed and returned with the request that BMC's interest in Tract No. 46 be placed in line for payment.

December 8, 1982 — EPNG sends proposed Supplemental Gas Purchase and Amendatory Agreement providing for the purchase and sale of BMC's interest in the Dakota Formation from the S/2 of Section 13 by adding this acreage to a previous Bolack April 10, 1981 Gas Purchase Agreement. The cover letter and the land description both expressly describe the lands located in the S/2 of Section 13.

1983

January 17, 1983 — EPNG advises that the proposed Supplemental Gas Purchase and Amendatory Agreement sent December 8, 1982 providing for the purchase and sale of BMC's interest in the Dakota Formation from the S/2 of Section 13 is withdrawn.

January 21, 1983	BMC returns four executed copies of the Supplemental Gas Purchase and Amendatory Agreement covering the S/2 of Section 13 (Dakota Formation) to EPNG.
February 4, 1983	EPNG returns two completely executed copies of the Supplemental Gas Purchase and Amendatory Agreement to BMC. EPNG revises the Supplemental Agreement to revise the name of the Seller as Bolack Minerals Company, and sends replacement pages 1 and 9 to be incorporated in the Supplemental Agreement. EPNG does not change the land description of the S/2 of Section 13.
February 8, 1983	BMC returns one of the Supplemental Gas Purchase and Amendatory Agreements dated February 4, 1983 to EPNG because it was not properly executed by the appropriate EPNG corporate official.
February 23, 1983	EPNG returns the properly executed Supplemental Agreement to BMC.
March 14, 1983	BMC prepares and files an Application for Compulsory Pooling with the New Mexico Oil Conservation Division, Santa Fe, NM, for the CLU Com #318 Well to be located in the W/2 of Section 13. At this time all of the 25 working interest owners except one (Lynne Arden Craft Dotsun) had agreed to join in the drilling of the well.
March 15, 1983	BMC prepares and files an Application for Permit to Drill the Canyon Largo Unit Com #318 Well to the Dakota Formation. The well is to be located in the SE/4 NW/4 of Section 13 with a W/2 of Section 13 dedication. Although it was originally requested to be located in the SW/4 of Section 13, BMC changed the location of the well to the NW/4 to provide for better drainage spacing and geological considerations.
April 5, 1983	NMOCD dismisses the BMC Application for Compulsory Pooling upon request by BMC when the one remaining working interest owner (Lynne Arden Craft Dotsun) made arrangements to join in the drilling of the CLU Com #318 Well.

April 12, 1983	MMS advises BMC that the Application for Permit to Drill the CLU Com #318 Well will not be approved until EPNG as Unit Operator of the Canyon Largo Unit files and receives approval for a development plan for the Unit which includes this well. BMC immediately notifies EPNG of this requirement.
May 10, 1983	EPNG advises BMC that the CLU Com #318 Well has been included in the proposed 1983 Drilling Program for the Canyon Largo Unit, and BMC is to provide additional information to EPNG concerning the well.
June 10, 1983	BMC submits proposed Communitization Agreement and Operating Agreement for execution by all working interest owners in CLU Com #318 Well.
June 22, 1983	EPNG submits its 1983 Drilling Program as Unit Operator of the Canyon Largo Unit to the regulatory agencies. The CLU Com #318 Well is included in the Drilling Program, and it is to be drilled during the remainder of the 1983 calendar year. This Drilling Program is submitted almost 4 months after BMC files the APD for this well.
July 25, 1983	EPNG advises the 1983 Drilling Program for the Canyon Largo Unit, including the CLU Com #318 Well, has been approved by the regulatory agencies.
July 29, 1983	U. S. Minerals Management Service (Successor to USGS) approves the BMC Application for Permit to Drill the CLU Com #318 Well.
September 1, 1983	BMC spuds the CLU Com #318 Well.
October 27, 1983	CLU Com #318 Well is completed and capable of producing gas from the Dakota Formation.
November 4, 1983	BMC files Well Completion Report with MMS for the CLU Com #318 Well. The calculated 24 hour rate of Dakota production is submitted for 2,352 Mcf of gas, 16 barrels of oil, and a trace of water.

November 16, 1983	BMC advises EPNG as Unit Operator of the Canyon Largo Unit that the CLU Com #318 Well has been completed in the Dakota Formation, and EPNG should take over as Operator of the well, disposing of BMC's share of the gas production from the well.
December 6, 1983	BMC files Application for Determination of NGPA Section 103 gas price for the CLU Com #318 Well with the Bureau of Land Management, Albuquerque, NM.

1984

February 14, 1984	EPNG requests BMC to amend Supplemental Gas Purchase and Amendatory Agreement dated February 4, 1982 to change the land description from the S/2 of Section 13 to the E/2 of Section 13 stating the proration unit as originally provided by EPNG's Land Department for the CLU #297 Well was incorrect.
March 9, 1984	BLM issues Final Determination on the NGPA Section 103 Application submitted by BMC for the CLU Com #318 Well.
April 10, 1984	BMC advises EPNG that the proration unit for the CLU #297 Well is the E/2 of Section 13 and BMC owns interests in the S/2 of Section 13. The requested amendment to the gas purchase agreement covering the S/2 of Section 13 will not be amended. It was the intention of BMC to dedicate its interests in all of the S/2 of Section 13, and not in the E/2 of Section 13 where BMC only owns interests in the SE/4.
April 25, 1984	BLM approves Communitization Agreement No. NMA-0057 covering the CLU Com #318 Well.
May 7, 1984	EPNG advises BMC that the February 4, 1983 Supplement Gas Purchase and Amendatory Agreement covers only the CLU #297 Well and not the CLU Com #318 Well.
June 13, 1984	Communitization Agreement No. NMA-0057 covering the CLU Com #318 Well is filed in Book 103, Pages 177-241 of the records of Rio Arriba County, New Mexico.

UNIT OPERATING AGREEMENT
CANYON LARGO UNIT AREA
COUNTY OF RIO ARRIBA
STATE OF NEW MEXICO

File

THIS AGREEMENT, made and entered into this 22 day of July, 1952, by and between THE SUPERIOR OIL COMPANY, a California corporation, herein designated as Unit Operator and sometimes referred to as Superior, and the parties executing, consenting to or ratifying this Agreement other than Unit Operator,

WITNESSETH:

WHEREAS, the parties hereto are also parties to that certain Unit Agreement for the Development and Operation of the Canyon Largo Unit Area, County of Rio Arriba, State of New Mexico, dated the 22 day of July, 1952, and now of record in the office of the County Recorder of Rio Arriba County, New Mexico, in Book 5 of _____, Page 188 et seq, covering the following described lands in said County and State, to-wit:

New Mexico Principal Meridian, New Mexico

T. 24 N., R. 6 W.

Secs. 1 through ~~[illegible]~~ ~~[illegible]~~ 36: All

T. 25 N., R. 6 W.

Secs. 1 through 36: All

T. 24 N., R. 7 W.

Secs. 1 through 13: All
Sec. 24: All

T. 25 N., R. 7 W.

Secs. 1 through 4: All
Secs. 9 through 16: All
Secs. 21 through 36: All

which lands constitute the Canyon Largo Unit Area and will herein be referred to as unit area and which unit agreement is hereinafter sometimes referred to as Unit Agreement; and,

WHEREAS, a map of said unit area is attached to said Unit

provided in Paragraph (d) of this Section, no adjustment of investment or previously incurred costs shall be made upon the admission of a drilling block into such participating area, but thenceforth all costs of development and operations in such enlarged participating area shall be borne as set forth in the preceding sentence hereof, and in no event shall any adjustment be made for prior production or the proceeds thereof upon the admission of a drilling block into any participating area.

(d) On the admission of a drilling block or blocks into any participating area there shall be an investment adjustment between the owners of the working interest in such enlarged participating area who are parties hereto and the owners of working interest in such former participating area who are parties hereto, to the end that the investment in wells, well equipment, facilities, and all other property within such enlarged participating area shall be paid for by the affected owners of working interest in such enlarged participating area proportionate to the interest of each in the cost of operation and unitized substances produced from such enlarged participating area, and also to the end that the parties who have previously paid such costs shall be reimbursed on the basis hereinafter set forth. The affected owners of working interest in such participating area before its enlargement shall receive credit for the intangible cost of drilling, completing, and equipping for production all wells capable of producing unitized substances situated within such participating area. Credit shall also be given for the casing and other tangible property and facilities installed in the wells and for new structures, facilities or other property at its reasonable value determined so far as possible as provided in the accounting procedure attached hereto as Exhibit C and incorporated herein by reference, but never to be less than 25% of the original cost. The affected owners of working interest in the drilling block or blocks that is or are to be admitted to such enlarged participating area shall likewise receive credit for the

ILLEGIBLE

parties hereto who are working interest owners (that is, oil and gas lessees or owners of operating rights on lands within the unit area) in the following manner:

(a) The unit area is divided into drilling blocks containing approximately 320 acres each, which drilling blocks conform substantially to public survey half-sections of land and are of such location and size and are identified as specified in the Unit Agreement. In the event that there is, in any instance, no approved public survey, then Unit Operator shall identify the drilling blocks by projection from the nearest established public survey points and any cost or expense of so doing shall be charged as joint expense (as herein elsewhere provided) to the working interest owners in each drilling block so identified.

(b) Subject to the provisions of Section 7 hereof, all costs, expenses and liabilities accruing or resulting from operations of any nature upon a drilling block "prior" to its admission to a participating area (which areas are defined in Section 5 hereof), including the drilling, testing, completing, equipping or operating of any well or wells thereon, shall be borne by the working interest owners in the drilling block who have executed the Unit Agreement and this Agreement in the same proportion that the acreage owned by each in the drilling block bears to the total owned by all working interest owners in the drilling block who have executed the Unit Agreement and this Agreement.

(c) Subject to the provisions of Section 7 hereof, all costs, expenses and liabilities accruing or resulting from development and operations within any participating area on and after the effective date hereof shall be borne by the working interest owners in such participating area who have executed the Unit Agreement and this Agreement in the same proportion that the acreage owned by each in such participating area bears to the total acreage owned by all working interest owners in such participating area who have executed the Unit Agreement and this Agreement. Except as specially

ILLEGIBLE

intangible cost, if any, incurred by them, of drilling, completing, and equipping any wells on their respective leases, together with the value of the tangible equipment, facilities, and structures located thereon and used in connection therewith, all on the basis as hereinabove set out. The sum total of all credit shall be the investment cost apportionable to such enlarged participating area. The investment adjustment shall be made by cash settlement through the Unit Operator, provided, however, that if any working interest owner in the drilling block or blocks newly admitted to such participating area should fail to make such cash settlement on demand, Unit Operator shall withhold and dispose of such party's full share of production from wells on lands in such former participating area and shall apply the proceeds thereof, after the payment of all operating or other charges applicable thereto, to the settlement of the investment adjustment until such time as the parties entitled thereto shall have received 150% of what they otherwise would have received from such settlement adjustment. No credit shall be given for the previous cost of operating any wells or repairing or maintaining other property, nor shall there be any debit for or on account of production taken from wells prior to the effective date of the enlargement of such participating area. All costs computed under this Section 3(d) shall be computed and determined as provided in the Accounting Procedure attached hereto as Exhibit C and incorporated herein by reference. In the event that more than one drilling block be admitted to a participating area at one time, the provisions of this Section 3(d) shall apply to each such drilling block separately, and, in the event that one such drilling block shall be admitted pursuant to the Unit Agreement without a well having been drilled thereon, the owners of working interest therein shall, of course, receive no credit in the computations of investment adjustment as above provided for.

4.

Apportionment of Production. The working interest owners who are parties to the Unit Agreement and this Agreement shall share

ILLEGIBLE

therefrom, the proceeds thereof, and the material and equipment attributable thereto, to secure Unit Operator in the payment of any sum due to Unit Operator hereunder from any such party. The lien herein provided for shall not extend to any royalty rights attributable to any interest subjected hereto.

16.

Disposition of Production. Each of the working interest parties hereto shall take in kind or separately dispose of his or its proportionate share of the unitized substances produced from the unit area and allocated to it under the provisions of this Agreement, exclusive of production which may be used in development and producing operations on the unit area and in preparing and treating oil for marketing purposes and production unavoidably lost, and shall pay or cause to be paid all applicable royalties thereon. Any extra expenditure incurred by the taking in kind or separate disposition by any party hereto of its proportionate share of the unitized substances produced from the unit area shall be borne by such party. Each party hereto shall be entitled to receive directly payment for its proportionate share of the proceeds from the sale of all unitized substances produced, saved and sold from said premises, and on all purchases or sales, each party shall execute any division order or contract of sale pertaining to its interest. In event any working interest party hereto shall fail to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the unitized substances produced from said premises, Unit Operator shall have the right, subject to revocation at will by the party owning the same, to purchase such unitized substances or sell the same to others for the time being at not less than the market price prevailing in the area and not less than the price which Unit Operator receives for its own portion of such unitized substances, any such purchase or sale to be subject always to the right of the owner of such unitized substances to exercise, at any time, its right to take in kind or separately dispose of its share of such unitized substances not previously delivered to a purchaser pursuant hereto.

ILLEGIBLE

amount realized from the sale or disposition of equipment acquired in connection with drilling, testing, completing and equipping and operating any well drilled pursuant to this Section shall be credited against the total unreturned cost of drilling, testing, completing and equipping said well and, to the extent allocable to the non-drilling parties, shall be credited against their obligation to the drilling parties set out above. Until the drilling party or parties shall have been so reimbursed, the cost of operating any such well shall be borne wholly by the party or parties who drilled it.

No party or parties hereto shall drill a well under the provisions of this Section unless it or they own or control a majority of the working interest in the drilling block on which the well is to be drilled or, if the location is then included in a participating area, in the quarter-quarter section or substantially equivalent surveyed lot on which the well is to be drilled, and until it has given Unit Operator the opportunity to drill said well, as provided for in Section 13 of the Unit Agreement, for the account of the parties desiring to drill said well.

Unit Operations. Unit Operator shall have full control of the unit area and, subject to the provisions hereof and of the Unit Agreement shall conduct and manage the development and operation of said premises for the production of unitized substances therefrom. Unit Operator shall pay and discharge all costs and expenses incurred pursuant to this Agreement or the Unit Agreement, and shall charge each of the parties hereto with its respective proportionate share thereof upon the cost and expense basis provided in the Accounting Procedure attached hereto, marked Exhibit C and made a part hereof. The proportionate share of any working interest party hereto in such costs and expenses shall be the total of all such costs and expenses allocable to all the participating interests of such party as provided in Section 3 hereof and as so allocated shall be paid by the working interest parties hereto. As nearly

ILLEGIBLE

22.

Liabilities Are Several. The liability of the parties hereunder shall be several and not joint or collective. Each party shall be responsible only for its obligations, as herein set out, and shall be liable only for its proportionate share of the cost of developing and operating the premises subject hereto, as determined by the provisions hereof.

23.

Force Majeure. Unit Operator shall not be liable for any loss of property or of time caused by strikes, riots, fires, tornadoes, floods or for any other cause beyond the control of Unit Operator through the exercise of reasonable diligence. All of the provisions of this Agreement are hereby expressly made subject to all applicable Federal or State laws, orders, rules and regulations, and in the event this contract or any provision hereof is found to be inconsistent with or contrary to any such law, order, rule or regulation, or inconsistent or in conflict with the Unit Agreement, the latter shall be deemed to control and this contract shall be regarded as modified accordingly and as so modified shall continue in full force and effect.

24.

Term of Agreement. This Agreement shall remain in force and effect for the same term as the term of the Unit Agreement, and shall apply to the lands subject hereto, or to any of them, for the same term as the Unit Agreement shall apply to them.

25.

Notices. All notices that are required or authorized to be given hereunder, except as otherwise specifically provided herein, shall be given in writing by United States mail or Western Union telegram, postage or charges prepaid, and addressed to the party to whom such notice is given as follows, or to such other address as may be hereafter prescribed by notice in writing:

ILLEGIBLE

CERTIFICATION --- DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior, under the act approved February 25, 1920, 41 Stat. 437, 30 U. S. C. secs. 181, et seq., as amended by the act of August 8, 1946, 60 Stat. 950, and delegated to the Director of the Geological Survey pursuant to Departmental Order No. 2365 of October 8, 1947, 43 CFR S 4.611, 12 F. R. 6784, I do hereby:

A. Approve the attached agreement for the development and operation of the Canyon Largo Unit Area, State of New Mexico.

B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty, and royalty requirements of all Federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

Dated: SEP 1 8 1953

Thomas B. Nolan
Acting Director, United States Geological Survey

ILLEGIBLE

CERTIFICATE OF APPROVAL
BY COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO, OF UNIT AGREEMENT FOR DEVELOPMENT AND OPERATION OF CANYON LARGO UNIT AREA
RIO ARRIBA COUNTY, NEW MEXICO

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, an agreement for the development and operation of the Canyon Largo Unit Area, Rio Arriba County, New Mexico, dated the 22 day of July, 1952, in which The Superior Oil Company is designated as Operator, and which has been executed by various parties owning and holding oil and gas leases embracing lands within the Unit Area and upon examination of said Agreement, the Commissioner finds:

(a) That such Agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said field;

(b) That under the operation proposed, the State will receive its fair share of the recoverable oil or gas in place under its land in the area affected;

(c) That the agreement is in other respects for the best interest of the State;

(d) That the Agreement provides for the unit operation of the field, for the allocation of production, and the sharing of proceeds from a part of the area covered by the agreement on an acreage basis as specified in the agreement.

NOW, THEREFORE, by virtue of the authority conferred upon me by Chapter 88 of the Laws of the State of New Mexico, 1943, approved April 14, 1943, I, the undersigned, Commissioner of Public Lands of the State of New Mexico, for the purpose of more properly conserving the oil and gas resources of the State, do hereby consent to and approve the said agreement, as to the lands of the State of New Mexico included in said Canyon Largo Unit Agreement, and subject to all of the provisions of the aforesaid Chapter 88 of the Laws of the State of New Mexico, 1943.

EXECUTED This 3 day of June, 1953.

Commissioner of Public Lands of the State of New Mexico

Approved this 3 day of June, 1953.

Oil and Gas Conservation Commission of the State of New Mexico

Attest: R. R. Spurrier, Secretary By E. L. Mechem, Chairman

ILLEGIBLE

R.T.C. Tully

RECEIVED
JUN 4 1953
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

OFFICIAL APPROVED COPY

Approved 9-18-53

UNIT AGREEMENT FOR THE DEVELOPMENT AND
OPERATION OF THE CANYON LARGO UNIT AREA
COUNTY OF RIO ARRIBA, STATE OF NEW MEXICO

CONSERVATION DIVISION
RECEIVED
JUL 13 1953
GEOLOGICAL SURVEY

No. 14-08-001-1059

This agreement entered into as of the 22 day of [illegible], 1952, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto,"

WITNESSETH: Whereas the parties hereto are the owners of the working, royalty, or other oil and gas interests in the unit area subject to this agreement; and

Whereas the Act of February 25, 1920, 41 Stat. 437, as amended by the Act of August 8, 1946, 60 Stat. 950, 30 U. S. C. Secs. 181 et seq., authorizes Federal lessees and their representatives to unite with each other, or jointly or separately with others, in collectively adopting and operating a cooperative or unit plan of development or operation of any oil or gas pool, field, or like area, or any part thereof, for the purpose of more properly conserving the natural resources thereof whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and

Whereas the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Chap. 88, Laws 1943) to consent to or approve this agreement on behalf of the State of New Mexico, insofar as it covers and includes lands and mineral interests of the State of New Mexico; and

Whereas, The Oil Conservation Commission of the State of New Mexico is authorized by an Act of the Legislature (Chap. 72, Laws 1935) to approve this agreement and the conservation provisions hereof; and

Whereas the parties hereto hold sufficient interests in the Canyon Largo Unit Area covering the land hereinafter described to give reasonably effective control of operations therein; and

ILLEGIBLE

Whereas it is the purpose of the parties hereto to conserve natural resources, prevent waste, and secure other benefits obtainable through development and operation of the area subject to this agreement under the terms, conditions, and limitations herein set forth;

Now, therefore, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their respective interests in the below-defined unit area, and agree severally among themselves as follows:

1. Enabling act and regulations. The act of February 25, 1920 as amended, supra, and all valid pertinent regulations, including operating and unit plan regulations, heretofore issued thereunder or valid pertinent and reasonable regulations hereafter issued thereunder are accepted and made a part of this agreement as to Federal lands, provided such regulations are not inconsistent with the terms of this agreement; and as to non-Federal lands, applicable State laws and operating regulations, and Federal oil and gas operating regulations in effect as of the effective date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the State in which the non-Federal land is located, are hereby accepted and made a part of this agreement.

2. Unit Area. The following described land is hereby designated and recognized as constituting the unit area:

New Mexico Principal Meridian, New Mexico

T. 24 N., R. 6 W.

Secs. 1 through 36: All

T. 25 N., R. 6 W.

Secs. 1 through 36: All

T. 24 N., R. 7 W.

Secs. 1 through 13: All
Sec. 24: All

T. 25 N., R. 7 W.

Secs. 1 through 4: All
Secs. 9 through 16: All
Secs. 21 through 36: All

Rio Arriba County, New Mexico

ILLEGIBLE

of each working interest owner, lessee, and lessor whose interests are affected, advising that 30 days will be allowed for submission to the Unit Operator of any objections.

(c) Upon expiration of the 30-day period provided in the preceding item (b) hereof, Unit Operator shall file with the Supervisor and Commissioner evidence of mailing of the notice of expansion or contraction and a copy of any objections thereto which have been filed with the Unit Operator.

(d) After due consideration of all pertinent information, the expansion or contraction shall, upon approval by the Director and Commissioner become effective as of the date prescribed in the notice thereof.

All land committed to this agreement shall constitute land referred to herein as "unitized land" or "land subject to this agreement."

3. Unitized substances. All oil and gas in any and all formations of the unitized land are unitized under the terms of this agreement and herein are called "unitized substances."

4. Unit Operator. The Superior Oil Company, a corporation, is hereby designated as Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties and obligations of Unit Operator for the discovery, development, and production of unitized substances as herein provided. Whenever reference is made herein to the Unit Operator, such reference means the Unit Operator acting in that capacity and not as an owner of interest in unitized substances, and the term "working interest owner" when used herein shall include or refer to Unit Operator as the owner of a working interest when such an interest is owned by it.

5. Resignation or removal of unit operator. Unit Operator shall have the right to resign at any time prior to the establishment of a participating area or areas hereunder, but such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator and terminate Unit

ILLEGIBLE

Operator is elected, to be used for the purpose of conducting unit operations hereunder. Nothing herein shall be construed as authorizing removal of any material, equipment and appurtenances needed for the preservation of any wells.

6. Successor unit operator. Whenever the Unit Operator shall tender his or its resignation as Unit Operator or shall be removed as hereinabove provided, the owners of the working interests in the participating area or areas according to their respective acreage interests in such participating area or areas, or, until a participating area shall have been established, the owners of the working interests according to their respective acreage interests in all unitized land, shall by majority vote select a successor Unit Operator; Provided, that, if a majority but less than 75 per cent of the working interests qualified to vote are owned by one party to this agreement, a concurring vote of one or more additional working interest owners shall be required to select a new operator. Such selection shall not become effective until (a) a Unit Operator so selected shall accept in writing the duties and responsibilities of Unit Operator, and (b) the selection shall have been approved by the Director and Commissioner. If no successor Unit Operator is selected and qualified as herein provided, the Director and Commissioner at their election may declare this unit agreement terminated.

7. Accounting provisions and unit operating agreement. If the Unit Operator is not the sole owner of working interests, costs and expenses incurred by Unit Operator in conducting unit operations hereunder shall be paid and apportioned among and borne by the owners of working interests, all in accordance with the agreement or agreements entered into by and between the Unit Operator and the owners of working interests, whether one or more, separately or collectively. Any agreement or agreements entered into between the working interest owners and the Unit Operator as provided in this section, whether one or more, are herein referred to as the "unit operating agreement." Such unit operating agreement shall also provide the manner

ILLEGIBLE

in which the working interest owners shall be entitled to receive their respective proportionate and allocated share of the benefits accruing hereto in conformity with their underlying operating agreements, leases, or other independent contracts and such other rights and obligations as between Unit Operator and the working interest owners as may be agreed upon by Unit Operator and the working interest owners; however, no such unit operating agreement shall be deemed either to modify any of the terms and conditions of this unit agreement or to relieve the Unit Operator of any right or obligation established under this unit agreement, and in case of any inconsistency or conflict between the unit agreement and the unit operating agreement this unit agreement shall prevail. Three true copies of any unit operating agreement executed pursuant to this section shall be filed with the Supervisor.

8. Rights and obligations of Unit Operator. Except as otherwise specifically provided herein, the exclusive right, privilege, and duty of exercising any and all rights of the parties hereto which are necessary or convenient for prospecting for, producing, storing, allocating, and distributing the unitized substances are hereby delegated to and shall be exercised by the Unit Operator as herein provided. Acceptable evidence of title to said rights shall be deposited with said Unit Operator and, together with this agreement, shall constitute and define the rights, privileges, and obligations of Unit Operator. Nothing herein, however, shall be construed to transfer title to any land or to any lease or operating agreement, it being understood that under this agreement the Unit Operator, in its capacity as Unit Operator, shall exercise the rights of possession and use vested in the parties hereto only for the purposes herein specified.

9. Drilling to discovery. Within 6 months after the effective date hereof, the Unit Operator shall begin to drill an adequate test well at a location approved by the Supervisor if such location is upon lands of the United States, and approved by the Commission

ILLEGIBLE

Commissioner if on State land, or the Commission if on privately owned land, or until it is reasonably proved that the unitized land is incapable of producing unitized substances in paying quantities in the formations drilled hereunder. Nothing in this section shall be deemed to limit the right of the Unit Operator to resign as provided in Section 5 hereof, or as requiring Unit Operator to commence or continue any drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section. The Director and the Commissioner may modify the drilling requirements of this section by granting reasonable extensions of time when, in their opinions, such action is warranted.

Upon failure to comply with the drilling provisions of this section, the Director and the Commissioner may, after reasonable notice to the Unit Operator, and each working interest owner, lessee, and lessor at their last known addresses, declare this unit agreement terminated.

10. Plan of futher development and operation. Within 6 months after completion of a well capable of producing unitized substances in paying quantities, the Unit Operator shall submit for the approval of the Supervisor, the Commissioner and the Commission an acceptable plan of development and operation for the unitized land which, when approved by the Supervisor, the Commissioner and the Commission, shall constitute the further drilling and operating obligations of the Unit Operator under this agreement for the period specified therein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for the approval of the Supervisor, the Commissioner and the Commission a plan for an additional specified period for the development and operation of the unitized land. Any plan submitted pursuant to this section shall provide for the exploration of the unitized area and for the determination of the area or areas thereof capable of producing unitized substances in paying quantities in each and every

ILLEGIBLE

productive formation and shall be as complete and adequate as the Supervisor, the Commissioner and the Commission may determine to be necessary for timely development and proper conservation of the oil and gas resources of the unitized area and shall (a) specify the number and location of any wells to be drilled and the proposed order and time for such drilling; and (b) to the extent practicable specify the operating practices regarded as necessary and advisable for proper conservation of natural resources. Separate plans may be submitted for separate productive zones, subject to the approval of the Supervisor, the Commissioner and the Commission. Said plan or plans shall be modified or supplemented when necessary to meet changed conditions or to protect the interests of all parties to this agreement. Reasonable diligence shall be exercised in complying with the obligations of the approved plan of development. The Supervisor and the Commissioner are authorized to grant a reasonable extension of the 6-month period herein prescribed for submission of an initial plan of development where such action is justified because of unusual conditions or circumstances. After completion hereunder of a well capable of producing any unitized substance in paying quantities, no further wells, except such as may be necessary to afford protection against operations not under this agreement or such as may be specifically approved by the Supervisor and Commission shall be drilled except in accordance with a plan of development approved as herein provided.

11. Participation after discovery. The unit area is hereby divided into Drilling Blocks containing 320 acres each, more or less, which Drilling Blocks shall constitute one-half sections, by government survey, the sections being divided by a line running north and south in such manner that each Drilling Block shall be either the East Half (E/2) or the West Half (W/2) of each given section, provided, however, that in any instances of irregular surveys that portion of a section which most nearly constitutes either the East Half (E/2) or the West Half (W/2) shall constitute a Drilling Block

ILLEGIBLE

even though its acreage may be irregular, and provided further that any irregular strips or small tracts shall attach to the adjacent Drilling Blocks to which they most logically attach within the limitations for Drilling Blocks as herein set forth, and provided further that in the event any portion of the area subject to this agreement is not surveyed, Unit Operator shall project the survey from the nearest established government survey points for the purposes of this agreement.

Upon completion of a well capable of producing unitized substances or as soon thereafter as required by the Supervisor or the Commissioner, the Unit Operator shall determine whether said well is capable of producing unitized substances in paying quantities and shall advise the "Supervisor, the "Commissioner" and the "Commission" of its conclusion in that regard, giving the data upon which its conclusion is based and identifying the Drilling Block upon which said well is located. Protests against said conclusion may be filed with the Director, the Commissioner and the Commission within 15 days thereafter but unless the Director, the Commissioner or the Commission shall, within 30 days after the filing of the original statement of conclusion by Unit Operator, disapprove of such conclusion, all of the land in said "Drilling Block" shall constitute a "participating area" effective as of the date of first production. Said schedule also shall set forth the "percentage of unitized substances to be allocated" as herein provided to each "unitized tract in the participating area so established," and shall govern the allocation of production from and after the date the participating area becomes effective. A separate participating area shall be established in like manner for each separate pool or deposit of unitized substances or for any group thereof producing as a single pool or zone, and all of the provisions of this section of this agreement shall be considered as applicable separately for each such participating area. It is hereby agreed for the purposes of this agreement that all wells completed for production in the Pictured

ILLEGIBLE

Cliffs formation shall be regarded as producing from a single zone or pool and all wells completed for production in the Mesaverde group shall be regarded as producing from a single zone or pool. Additional "Drilling Blocks," subject to any limitations elsewhere set out in this agreement, shall be admitted to the "participating area" on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in "paying quantities has been drilled" on any such Drilling Block, and the percentage of allocation shall be revised accordingly, in which event all of the production prior to the effective date of admission of such Drilling Block to the participating area shall be credited solely to the account of that particular block. For the purposes hereof, it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, subject to the right of any interested party to protest in writing against said determination to the Unit Operator, the Director, the Commissioner and the Commission within 15 days thereafter, however, in any event, such determination shall become effective within 30 days from the date thereof unless disapproved within said 30-day period by the Director, the Commissioner or the Commission. In the event such determination is not upheld and changed conditions subsequently warrant, a new determination based on new showing and a new effective date may be submitted and processed in the same manner as aforesaid. No land shall be excluded from a participating area on account of depletion of the unitized substances.

Revision of Participating Area

In the event that any Drilling Block is admitted to a participating area as hereinabove provided when it lies directly north, south, east, or west of any Drilling Block already included in said participating area, and where there is one, but only one intervening

ILLEGIBLE

Drilling Block on which no well has then been drilled, said intervening Drilling Block shall also be admitted to said participating area at the same time, in the same manner and subject to the same conditions as the Drilling Block which is then admitted to such participating area by reason of the completion of a well thereon capable of producing unitized substances in paying quantities. In such event, the drilling of a well on such undrilled intervening Drilling Block shall be commenced, within one year from the effective date of said Drilling Block's inclusion in the participating area, unless said time be extended by the Director, Commissioner, and Commission, and shall be continued with due diligence to the depth necessary to test the horizon from which production is secured in said participating area.

If the initial well on any Drilling Block is not capable of production in paying quantities and at a later date a well is drilled on such Drilling Block which is capable of production of unitized substances in paying quantities, then that portion of the Drilling Block considered to be capable of production in paying quantities by reasonable geologic inference shall be admitted to the participating area upon recommendation of the Unit Operator and approval of the Director, the Commissioner and the Commission. If geologic inference is not applicable, the forty-acre tract by government survey, existing or projected, on which the producible well is drilled and all other untested forty-acre tracts or lots approximating 40 acres lying within the Drilling Block shall be admitted to the participating area.

If any drilling block, or portion thereof, on which a well has been drilled is not included in a participating area, conformably with the provisions of this agreement, and thereafter should become capable of production in paying quantities by reason of repressuring or other methods of secondary recovery, such drilling block or portion thereof shall be admitted to the applicable participating area on recommendation of the Unit Operator and approval thereof as provided for the inclusion of lands in a participating area in the preceding paragraph hereof.

ILLEGIBLE

Regardless of any revision of the participating area, and except as herein elsewhere specifically provided, there shall be no retroactive adjustment for production obtained prior to the effective date of any such revision of the participating area.

In the absence of agreement at any time between the Unit Operator and the Director, the Commissioner and the Commission, as to the proper definition or redefinition or a participating area, or until a participating area has, or areas have, been established as provided herein, the portion of all payments affected thereby may be impounded in a manner mutually acceptable to the owners of working interests, except royalties due the United States and the State of New Mexico, which shall be determined by the Supervisor and the Commissioner and the amount thereof deposited, as directed by the Supervisor and the Commissioner respectively to be held as unearned money until a participating area is finally approved and then applied as earned or returned in accordance with a determination of the sum due as Federal and State royalty on the basis of such approved participating area.

Whenever it is determined in the manner provided in this agreement that a well drilled under this agreement is not capable of production in paying quantities and inclusion of the Drilling Block on which it is situated in a participating area is unwarranted, production from such well shall, for the purposes of settlement among all parties other than working interest owners, be allocated to the Drilling Block on which the well is located so long as such land is not within a participating area established for the pool or deposit from which such production is obtained. Settlement for working interest benefits from such a well shall be made as provided in the unit operating agreement.

12. Allocation of production. All unitized substances produced from each participating area established under this agreement, except any part thereof used in conformity with good operating practices within the unitized area for drilling, operating, camp and

ILLEGIBLE

other production or development purposes, for repressuring or recycling, in accordance with a plan of development approved by the Supervisor, Commissioner and the Commission, or unavoidably lost, shall be deemed to be produced equally on an acreage basis from the several tracts of unitized land of the participating area established for such production and, for the purpose of determining any benefits accruing under this agreement each such tract of unitized land shall have allocated to it such percentage of said production as the number of acres of such tract included in said participating area bears to the total acres of unitized land in said participating area. It is hereby agreed that production of unitized substances from a participating area shall be allocated as provided herein regardless of whether any wells are drilled on any particular part or tract of said participating area. If any gas produced from one participating area is used for repressuring or recycling purposes in another participating area, the first gas withdrawn from such last mentioned participating area for sale during the life of this agreement shall be considered to be the gas so transferred until an amount equal to that transferred shall be so produced for sale and such gas shall be allocated to the participating area from which initially produced as constituted at the time of such final production. For all purposes of this agreement, the acreage of a drilling block, the participating area, or of any separate tracts in either, shall be as shown by the approved Government survey or as calculated therefrom by Unit Operator with the approval of the Director and the Commissioner.

13. Development or operation of non-participating land or formations and drilling of wells not mutually agreed upon. Any party or parties hereto owning or controlling the working interest or a majority of the working interests in any unitized land having thereon a regular well location may, with the approval of the Supervisor as to Federal land, the Commissioner as to State land and the Commission as to privately owned land, and subject to the provision of the Unit Operating Agreement, at such party's sole risk,

ILLEGIBLE

cost, and expense drill a well to test any formation for which a participating area has not been established or to test any formation for which a participating area has been established if such location is not within said participating area, or drill any well not mutually agreed to by all interested parties, unless within 90 days of receipt of notice from said party of his intention to drill the well the Unit Operator elects and commences to drill such well in like manner as other wells are drilled by the Unit Operator under this agreement.

If any well drilled as aforesaid by a working interest owner results in production such that the land upon which it is situated may properly be included in a participating area, such participating area shall be established or enlarged as provided in this agreement, and the party or parties paying the cost of drilling such well shall be reimbursed as provided in the unit operating agreement for the cost of drilling such well, and the well shall thereafter be operated by Unit Operator in accordance with the terms of this agreement and the unit operating agreement.

If any well drilled as aforesaid by a working interest owner obtains production in quantities insufficient to justify the inclusion in a participating area of the land upon which such well is situated, such well may be operated and produced by the party drilling the same subject to the conservation requirements of this agreement. The royalties in amount or value of production from any such well shall be paid as specified in the underlying lease and agreements affected.

14. Royalty settlement. The United States and any State and all royalty owners who, under existing contract, are entitled to take in kind a share of the substances now unitized hereunder produced from any tract, shall hereafter be entitled to the right to take in kind their share of the unitized substances allocated to such tract, and Unit Operator, or in case of the operation of a well by a working interest owner as herein in special cases provided for, such working interest owner, shall make deliveries of such royalty share taken in kind in conformity with the applicable contracts, laws and regulations. Settlement for royalty interest not taken in kind shall

ILLEGIBLE

allocated to such lands.

15. Rental settlement. Rental or minimum royalties due on leases committed hereto shall be paid by working interest owners responsible therefor under existing contracts, laws and regulations provided that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental or minimum royalty in lieu thereof due under their leases. Rental or minimum royalty for lands of the United States subject to this agreement shall be paid at the rate specified in the respective leases from the United States unless such rental or minimum royalty is waived, suspended, or reduced by law or by approval of the Secretary or his duly authorized representative.

Rentals on State of New Mexico lands subject to this agreement shall be paid at the rates specified in the respective leases, or may be reduced or suspended upon the order of the Commissioner pursuant to applicable laws and regulations.

With respect to any lease on non-Federal land containing provisions which would terminate such lease unless drilling operations were within the time therein specified commenced upon the land covered thereby or rentals paid for the privilege of deferring such drilling operations, the rentals required thereby shall, notwithstanding any other provision of this agreement, be deemed to accrue and become payable during the term thereof as extended by this agreement and until the required drilling operations are commenced upon the land covered thereby or some portion of such land is included within a participating area.

16. Conservation. Operations hereunder and production of unitized substances shall be conducted to provide for the most economical and efficient recovery of said substances without waste, as defined by or pursuant to State or Federal law or regulation.

17. Drainage. The Unit Operator shall take appropriate and adequate measures to prevent drainage of unitized substances from unitized land by wells on land not subject to this agreement or pursuant to applicable regulations pay a fair and reasonable

ILLEGIBLE

compensatory royalty as determined by the Supervisor for Federal lands or as approved by the Commissioner for State lands.

18. Leases and contracts conformed and extended. The terms, conditions, and provisions of all leases, subleases, and other contracts relating to exploration, drilling, development, or operation for oil or gas of lands committed to this agreement are hereby expressly modified and amended to the extent necessary to make the same conform to the provisions hereof, but otherwise to remain in full force and effect; and the parties hereto hereby consent that the Secretary and the Commissioner respectively shall and by their approval hereof, or by the approval hereof by their duly authorized representatives, do hereby establish, alter, change or revoke the drilling, producing, rental, minimum royalty, and royalty requirements of Federal and State leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this agreement, and, without limiting the generality of the foregoing, all leases, subleases, and contracts are particularly modified in accordance with the following:

(a) The development and operation of lands subject to this agreement under the terms hereof shall be deemed full performance of all obligations for development and operation with respect to each and every part or separately owned tract subject to this agreement, regardless of whether there is any development of any particular part or tract of the unit area notwithstanding anything to the contrary in any lease, operating agreement or other contract by and between the parties hereto, or their respective predecessors in interest, or any of them.

(b) Drilling and producing operations performed hereunder upon any tract of unitized lands will be accepted and deemed to be performed upon and for the benefit of each and every tract of unitized land, and no Federal or State lease shall be deemed to expire by reason of failure to drill or produce wells situated on the land therein embraced.

ILLEGIBLE

this agreement.

reement may be terminated at any time by not less than 75 on an acreage basis, of the owners of working interests creto, with the approval of the Director; notice of any al to be given by the Unit Operator to all parties hereto.

te of prospecting, development, and production. The hereby vested with authority to alter or modify from e in his discretion the quantity and rate of production agreement when such quantity and rate is not fixed pur- deral or State law or does not conform to any state- ary conservation or allocation program, which is establish- zed and generally adhered to by the majority of operators te, such authority being hereby limited to alteration or n in the public interest, the purpose thereof and the rest to be served thereby to be stated in the order of or modification. Without regard to the foregoing, the also hereby vested with authority to alter or modify time in his discretion the rate of prospecting and and the quantity and rate of production under this en such alteration or modification is in the interest of e conservation objectives stated in this agreement and is tion of any applicable Federal or State law.

in this section vested in the Director shall only be ter notice to Unit Operator and opportunity for hearing ot less than 15 days from notice.

tomatic Elimination. Notwithstanding any other pro- his agreement, any lease no portion of which is included ticipating area within 5 years after the "first sale" of stances from any lands subject to this agreement, shall ally eliminated from this agreement and said lease s covered thereby shall no longer be a part of the d shall no longer be subject to this agreement, unless ation of said 5 year period drilling operations are in such lease in which event the lands covered by such lease

ILLEGIBLE

shall remain subject hereto and within said unit area for so long as such drilling operations are continued diligently and so long thereafter as such lands or any portion thereof may be included in a participating area hereunder. Inasmuch as any elimination under this section is automatic, the Unit Operator shall, within 90 days after any such elimination hereunder, describe the area so eliminated and promptly notify all parties in interest.

23. Determinations by unit operator and review thereof. Whenever a determination is required to be made in order to carry out the express terms of this agreement and the agreement does not specify by whom such determination shall be made, the Unit Operator is hereby authorized to make the necessary determination subject to approval of the Director in the manner hereinafter provided. Notice of any such determination by the Unit Operator, accompanied by data in support thereof shall be furnished to the Director through the Supervisor. If, after reviewing all the available evidence the Director finds that the determination reviewed is incorrect he shall advise the Unit Operator accordingly, stating the reasons therefor, and thereupon such determination shall be of no force and effect.

The Unit Operator shall then make a new determination in conformity with the finding of the Director or appeal to the Secretary as provided in the Operating Regulations. All determinations made by the Unit Operator pursuant to this section shall be effective unless and until altered, modified, or rescinded as herein provided.

Any party hereto shall have the right to request the Director (such request to be accompanied by appropriate supporting evidence) to review any determination made b the Unit Operator pursuant to this section not previously reviewed on appeal to the Secretary. Such request will be granted or denied in the discretion of the Director within 60 days after being received. If denied, the requesting party shall have the right to appeal to the Secretary. If the request for review is granted and thereafter the Director finds that the determination should be altered, modified, or rescinded, the Unit Operator shall be advised accordingly and shall

ILLEGIBLE

either comply with the finding of the Director or appeal to the Secretary.

24. Conflict of supervision. Neither the Unit Operator nor the working interest owners nor any of them shall be subject to any forfeiture, termination, or expiration of any rights hereunder or under any leases or contracts subject hereto, or to any penalty or liability on account of delay or failure in whole or in part to comply with any applicable provision thereof to the extent that the said Unit Operator, working interest owners or any of them are hindered, delayed, or prevented from complying therewith by reason of failure of the Unit Operator to obtain, in the exercise of due diligence, the concurrence of proper representatives of the United States and proper representatives of the State of New Mexico in and about matters or things concerning which it is required herein that such concurrence be obtained. The parties hereto, including the Commission, agree that all powers and authority vested in the Commission in and by any provisions of this contract are vested in the Commission and shall be exercised by it pursuant to the provisions of the laws of the State of New Mexico and subject in any case to appeal or judicial review as may now or hereafter be provided by the laws of the State of New Mexico.

25. Appearances. Unit Operator shall, after notice to other parties affected, have the right to appear for or on behalf of any and all interests affected hereby before the Department of the Interior, the Commissioner and the Commission and to appeal from orders issued under the regulations of said Department or the Commissioner or Commission, or to apply for relief from any of said regulations or any proceedings relative to operations before the Department of the Interior, the Commissioner or Commission or any other legally constituted authority; provided, however, that any other interested party shall also have the right at his own expense to be heard in any such proceeding.

26. Notices. All notices, demands or statements required hereunder to be given or rendered to the parties hereto shall be deemed fully given if given in writing and personally delivered to

ILLEGIBLE

October 17, 1979

El Paso Natural Gas Co.
Mr. James R. Permenter,
Mgr., Land Contracts & Titles
Land Department
P.O. Box 1492
El Paso, Texas 79978

Re: EPNG 1980 Plan of Development

Dear Mr. Permenter,

You have recently requested advice from working interest owners in various units and joint-interest properties operated by El Paso as to any drilling that they may wish to participate in during the coming year. I would like to request that you give consideration to the following locations for drilling in 1980:

1) San Juan 28-6 Unit:
A Dakota test in the S/2 of section 30, T28N, R6W or a dual Mesaverde-Dakota test in the SE/4 of section 30, T28N, R6W. (Ko dedicated to #160 & #210 wells in S19 & S31 respectively. Acreage is in Ko particip. KMV - Acreage already in KMV participating area. In-fill KMV well to be drilled late

~~2) Canyon Largo Unit:~~
~~A Dakota test in the SE/4 of section 13, T24N, R6W.~~ To be drilled.

3) On Joint-Interest property:
A dual Pictured Cliffs-Mesaverde test in the SW/4 of section 1, T30N, R12W.

It is my understanding that you already plan on drilling a dual Mesaverde-Dakota test during 1980 in the SE/4 of section 33, T29N, R7W on the San Juan 29-7 Unit. Is the E/2 of this section, in which we share an equal interest, included in the Dakota participating area for the unit?

When you have had time to review this request, I would appreciate any comments or questions that you have on the matter.

Very truly yours,

Tom Bolack

TB:WRS/lj

RECEIVED MAY 15 1984

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

CLU #318

May 7, 1984

Richard T. C. Tully
Tully and Cunningham, P. A.
3001 Northridge Drive, Suite A
Farmington, New Mexico 87499

Re: Canyon Largo Unit #297 Well
Rio Arriba County, New Mexico

Gentlemen:

In response to your letter of April 10, 1984, please be advised that El Paso does not concur with your position regarding the dedication in the captioned well.

The original proposal to purchase your interest in this well was part of a clean-up of non-contracted interests in connected, flowing wells in late 1982. At that time, we were tendering proposals which limited the dedication to the producer's interest in a specific well and, further, to the original producing formation in that well. At that time, Bolack Minerals requested that, rather than entering into a separate contract for this small incremental dedication, they would prefer to add it to an existing contract. El Paso agreed and tendered the Supplemental Gas Purchase and Amendatory Agreement (subsequently executed and dated February 4, 1983) to an existing Gas Purchase Agreement dated April 10, 1981. However, neither the intent of El Paso nor the description of the properties was changed -- the amendment limited the additional dedication to the captioned well and further to "gas production from the original producing zone in the Dakota formation." The reference to the well's location was merely a description of where it was located, i.e., "located in the South Half (S/2), Section 13 . . ." and was included for informational purposes only.

For the above-described reasons, El Paso holds that the contract dedication is limited to Bolack's interest in the captioned well which consists of acreage contributed to the well's proration unit in the E/2 of the section.

If you have further questions regarding this well, please advise.

Very truly yours,

GAS PURCHASES DEPARTMENT

MWWiseman

Michael W. Wiseman
Coordinator, Area Gas Purchases

MWW:ac

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.
SOSE															
1F1825N 8W	GAS	688		594	664	373	199	278	355	172	543	263		4129	10066
	OIL	236		289	215	137	110	125	91	181	313	233		1930	4822
	WAT	3		2	2	1	1	1	1	1	2	1		15	
WESTERN B															
1M 826N11W	GAS		2328											23280	4201421
	OIL		3											3	36793
WESTERN C															
1A2026N11W	GAS	5025	2328	2626	663	2788	2717	3798	4218	2585	3109	3054	2674	35585	3934932
	OIL	21	3	2					26	11	28	30	26	147	26230
COMPANY TOTAL	OIL	1800	1056	1637	1428	1059	1257	1212	1413	1243	2217	1640	1207	17169	215551
	GAS	83352	56631	58526	59951	45911	44981	57765	87080	46101	65308	65396	76708	750110	21847718
	WAT	115	77	22	64	116	140	175	135	63	197	247	116	1467	
EL PASO NATURAL GAS COMPANY															
ALLISUN UNIT															
1E1732N 6W	GAS	2836	2628	2702	2042	341	2055	2986	2124	2654	2321	2589	2650	27928	2399618
	WAT									66	54	67	73	260	
A 511632N 7W	GAS	7702	45	1095	7050	4721	4546	819				4464	5503	35945	133026
	WAT	15		1	11	8	8	1				5	8	57	
7P1032N 7W	GAS	9265	5737	1205	6953	6430	6778		8133			4256	6588	55345	4902215
	WAT	16	11	1	10	9	10		11			5	9	82	
7G1432N 7W	GAS	9273		1061	8354	6378	6351					5277	4095	40789	3991399
10E2032N 6W	GAS	ZONE ABANDONED													40948
X 11A2332N 7W	GAS		16308	12371	7508	1180	6781	815	9302			5773	11778	71816	6388281
12G1432N 7W	GAS		38925	38008	24485	17280	23334	29876	26425	28167	19271	25434	22913	294118	8542626
	WAT		14	16	11	8	10	14	12	15	14	15	16	145	
13M1232N 7W	GAS	1174	746		1456	1427		216				3192	1563	9774	1115748
16N1532N 7W	GAS	4593	64	656	4012	2698	3474	504				3090	4439	23530	1843712
17K2432N 7W	GAS	5125	809		4104	1474	2356	365				1367	1468	17068	1781792
18B2532N 7W	GAS	1815	288		1895	1450	1701			1437	1732	1180	1050	12548	227748
20L1832N 6W	GAS	15531	14057	13429	14638	13884	14334	15080	19052	17178	15501			152684	5273689
X 23M1932N 6W	GAS	5580	34	564	5645	3370	3808	631				3043	4589	27264	1767441
24A1 932N 7W	GAS	LAST PROD. DATE 01/78													U 323125
31L1432N 7W	GAS	8931	4856		3278	5511	5884					4960	6601	40021	264821
	WAT	31	17		11	17	19					10	17	122	
40A1932N 6W	GAS	634	530		620	446	667			1640	1083	516	437	6573	162703
	WAT									15	16	8	8	47	
57K1332N 7W	GAS		46760	46463	32079	1649	27423	3451				17605	46569	221999	658087
	WAT		13	15	11		8	1				5	15	68	
ALLISUN UNIT NP															
27A1632N 6W	GAS	2292	298	120				230			1351	4262	2933	11486	599180
32E2132N 6W	GAS	RECOMPLETED TO BLANCO MESAVERDE (PRORATED GAS)													40972
38D1732N 6W	GAS	ZONE ABANDONED													27145
41K2932N 6W	GAS	RECOMPLETED TO BLANCO MESAVERDE (PRORATED GAS)													69703
ANGEL PEAK															
1M 227N11W	GAS	12571	11139	13479	7810			9845	18810	10897	4638	2680	20109	111978	5674392
	OIL	89	81	39	52				128	60	61		133	643	53352
2L2027N11W	GAS	1528	51		719	1715	1175	1215	1479	1200	1870	1703	1076	13731	1279757
	OIL	7	6			8	15	4		4	6	16	4	70	12258
3G2027N11W	GAS	LAST PROD. DATE 04/76												U	725847
	OIL														7724
BALLARD															
11D1526N 9W	GAS	4966	1622	695	1066	4622	2462	2907	2651	3028	1604	3751	2245	31619	1018989
	OIL	22	22		1	85	7	4	22					163	23395
12J1526N 9W	GAS	1831	1106		342	2080	1677	1452	1394	1548	1200	1679	1597	15906	1390541
	OIL	41	5			17	2	13		6				84	21335
13E1426N 9W	GAS	7529	4697	6947	3933			5210	5747	1077	4609	5514	3227	48490	1761480
	OIL	72	134	127	50			70	53	8	50	67	27	658	27359
14L1424N 9W	GAS	1398	451		67	1790	1538	1359	1526	1484	1511	1619	1603	14346	1382953
	OIL	5				16	13	17	7	10	15	25	27	135	36680
BALLARD COM															
15J3226N 9W	GAS	PLUGGING APPROVED 1967													83063
	OIL														2560
BLOOMFIELD															
1A1729N11W	GAS	6889	5046	8669	5043	72	218	4567	5763	1690	7102	166	5983	51208	2348342
	OIL	63	80	85	56		3	48	56	16	55	26	89	577	26180
E 1J1729N11W	GAS	5495	2815	6229	3249	436	276	3598	5001	1260	5921	202	5525	40007	196455
	OIL	53	30	71	40		3	38	47	7	48	21	65	423	1854
BROOKHAVEN COM G															
9H1631N11W	GAS	2006	929	158	1475	2312	2235	2244	2006	2096	2009	1688	1121	20279	544122
	OIL					8	14	10	4	11	7	2	2	58	844
BRUINGTON															
4K 630N11W	GAS	2318	1753	167	12	3081	2039	1984	1864	1746	1822	1628	1719	20133	749388
	OIL														1196
BURROUGHS COM C															
5G 227N 9W	GAS	1982	232		585	1632	2078	1636	1892	1646	1883	1831	1723	17120	565485
	OIL			8			4	6	7	4	7	9	4	49	2082
	WAT	11	1		2	10	10	10	11	10	11	11	11	98	
BURROUGHS COM H															
10D3626N 9W	GAS	2536	1386		651	3284	2231	2453	2687	1888	2258	1694	1998	23066	317487
	OIL	37	16			31	25	22	21	22	13	7	38	232	4213
CANYON LARGO UNIT															
6A2524N 6W	GAS	4796	4686	4709	4156	3097	363	2839	5094	3549	3808	3883	3916	44896	485995
	OIL	101	21	31	42	11	9	33	31	28	28	23	23	381	3698
	WAT									59	61	67	69	256	
9SB3625N 6W	GAS	400	60	942	627	706	821	843	781	853	747	708	800	8288	1236843
	OIL														4457
110D 124N 6W	GAS	3613	827		691	3084	3132	4271	2626	3775	3118	3195	2442	30774	2739803
	OIL	44												44	33840
111G 124N 6W	GAS		105											105	599597
	OIL														5171
116I1224N 6W	GAS	1376			830	757	949	501	738	859	1150	1091	1183	9434	687891
	OIL	66	3					8			44	24	10	155	13441
117M 324N 6W	GAS	3307	1781		1965	3223	3876	3341	2801	2706	2995	2908	2558	31461	1236782
	OIL	49	3	2		29		3	4	14	11	5	6	126	4679
135H3325N 6W	GAS	5699	4469			2335	4366	3491	6803	2141	3255	3603	5880	42042	1506589
	OIL	132	76					4	16	14	47	72	49	410	27095
144D1725N 6W	GAS	LAST PROD. DATE 08/82												S	170450
	OIL														3948
166N 225N 6W	GAS	8514	7283	7107	5655		1739	7419	6456	2819	5919	3931	7488	64330	502495
	OIL	104	55	21	78		22	84	44	53	38	12	62	573	4104
186A1125N 6W	GAS	2068	2868			2460	3231	3122	3554	2865	2698	2481	2713	28060	475195
	OIL	40	35			14	42	13	15	32	2	30	30	253	4925
239K 125N 6W	GAS	1964	2597		181	1937	2423	2406	3203	2676	2381	2262	2139	24169	387166
	OIL														12
240L1225N 6W	GAS	1984	2234		516	3662	2649	2258	2384	3133	3052	2823	2528	27223	387296
	OIL	22	9			16	9	3	2	12	1	3	4	81	840
249H 424N 6W	GAS	147	186	452	597	880	748	529	475	374	434	465	473	5760	93204
	OIL	69	2	41	10	79	66	24	31	27	39	23	17	428	6128
250H 125N 6W	GAS	3783	3882		383	1147	3912	4853	6712	1603	2067	2968	3876	35166	592921
	OIL	94	28				62	43	30	27	10	7	38	339	7055
252A 325N 6W	GAS	6307	5850	6160	4385		3298	8152	4934	2704	4545	3313	7751	57399	866709
	OIL	60	7	11	4	17	32	23	34	8	19	7	21	243	4907
253I1225N 6W	GAS	3001	2045		196	4515	3678	2586	3471	2673	3016	3073	3120	31374	398666
	OIL	59	14			4	23	12	4	10	15	16	5	162	1509
254A1325N 6W	GAS	4963	2663		733	2049	3755	3632	3624	4240	3952	3909	3395	36915	529999
	OIL	86	11			8	20	12	2	26	10	14	6	195	1358
278K1125N 6W	GAS	2027	2786		525	2869	2513	2161	2424	2082	2383	2589	2414	24773	351691
	OIL	44	43	2		63	32	17	16	2	44	22	64	369	3626
279A1425N 6W	GAS	1625	2355		577	3633	2557	760	2499	1818	1680	2226	2036	21766	290295
	OIL														99
286B1124N 6W	GAS	2038	774		1135	2411	1812	1905	1637	1809	1565	1475	1587	18148	103979
	OIL	22						2			5	6	12	47	230
287K 325N 6W	GAS	3670	3354	4566	2512	2794	3273	3608	2218	2247	5658	2687	2691	39278	227620
	OIL	82	14	16	12	18		5		22	19	4	7	199	779
	WAT									9	7	9	9	34	
288K1325N 6W	GAS	3144	1194		260	2765	2374	2425	2471	2329	2170	1476	628	21236	220695
	OIL	44					22	6	6	6	9	1	10	104	673
291D1224N 6W	GAS	2001	791		999	1500	1894	1563	1450	1295	1427	1233	1415	15568	108282
	OIL	118	35	5	47	35	78	33	36	66	43	37	50	583	2278
292H1025N 6W	GAS	10189	8849	8624	6188		876	8565	7739	2894	6639	4646	8553	73762	275630
	OIL	138	32	26	48		13	75	44	41	31	46	23	517	1375
294A 225N 6W	GAS	9774	8397	8455	6148		6044	5405	3472		5113	11827	8523	73158	304440
	OIL	159	33	28	44		62	21		19	34	54	31	485	2874
295A 425N 6W	GAS	16318	12535	14425	11567			3279	21515	13735	5014		4151	102539	336677
	OIL	254	99	80	138			59	307	289	32		13	1271	3650
	WAT	146	125	142	115			31	142	18	11		6	736	
297J1324N 6W	GAS	15736	13552	9952	8655			9109	19865	12153			11923	100945	416048
	OIL	219	112	41	94			104	196	99		4	91	960	3633
CANYON LARGO UNIT NP															
89M1724N 6W	GAS	547			1030	958	1039	1091	1064	836	1049	972	400	8986	277016
	OIL						7	7	1	4	11	5		35	1863
187J2025N 6W	GAS	464	521	405	509	237	724	432	654	432	563	327	503	5771	113893
	OIL		2	7				4	1	3	3			20	1082
188N3325N 6W	GAS	647	688	770	793	723	711	842	722	781	769	655	664	8765	181063
	OIL														314
241K2325N 7W	GAS	57	44	18										119	44649
	OIL														5397
255K1325N 7W	GAS	443	267	741	478	452	431	656	505	552	536	668	353	6082	100806
	OIL	26	2	12	21	3	32	7	8	19	22	10		162	4727

1983

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.
HORACE SMITH															
1P2630N14W	GAS	LAST PROD. PRIOR TO 6/73												U	164386
	OIL														2035
R 1T2630N14W	GAS					6749	8020	5740	5017	4284	4126	3628	3468	40537	40537
	OIL					181	93	25	66	64	53	43	58	584	584
	WAT					70	60	58	67	60	62	60	16	398	
STELLA NEEDS A COM															
1R3630N14W	GAS	37	167	117		93	42	13	16					485	455175
	OIL														4789
	WAT	5	4	2		6	11	8	3	8				47	
E 1D3630N14W	GAS				5799	3117	1301	1992	2021	901	1776	1081	1820	19808	19808
	OIL				76	42	18	17	16	9	13	3	11	205	205
	WAT				16	20	16	11	20	8	31	30	31	183	
COMPANY TOTAL	OIL	850	801	940	837	859	1188	1110	1122	1173	1068	900	1096	12017	110473
	GAS	49670	47528	52478	56275	51874	70180	67508	81041	74584	69890	63754	70730	769414	10492914
	WAT	512	499	521	481	433	658	762	764	778	781	785	638	7567	
THOMAS A. DUGAN					**********										
RAVEN															
1D 627N14W	GAS	PLUGGING APPROVED 1969													32491
	OIL														123
EL PASO EXPLORATION CO.					**********										
BLACKROCK C															
1C2126N11W	GAS	5930	3743	3667	4391	3701	3612	2880	1857	2995	2970	2694	3777	42217	3926536
	OIL	44	29	22	52	23	23	15	20	27	25	22	21	317	35945
BLANCO 29 12 COM															
1P 729N12W	GAS	2049	2586	2235	2745	1977	2289	2079	2878	2278	2582	2733	2741	28172	905617
	OIL	19	37	29	20	26	6	17	15	18	18	21	24	250	11626
BURROUGHS STATE															
1C3626N11W	GAS	3140	2398	2470	2166	2497	2765	3991	3759	2771	3484	2675	2406	33972	654817
	OIL	89	22		43	116	61			35	37		49	457	4749
BURROUGHS STATE COM															
F 1K3626N11W	GAS	14529	12475	12223	12491	10015	12579	11360	10499	9781	10544	9576	10337	136409	304777
	OIL	70	64	89	57	54	77	64	81	64	53	47	62	782	3295
2H3626N11W	GAS	8567	6943	9058	7185	6128	8388	5816	6601	6287	7441	6641	3635	82685	1747090
	OIL	3	49	33	97	54	91	57	65	44	89	40	17	634	14188
E 2J3626N11W	GAS	11333	9211	11178	10066	7817	9176	8175	8282	8030	8810	8048	7108	107234	265204
	OIL	119	126	137	75	81	69	74	86	69	84	96	30	1046	3076
JICARILLA 119 N															
4M 626N 4W	GAS	7876	2530	8088	6120	7061	2276	6344	3373	8423	6750	4780	5168	68789	1892629
	OIL	85	71	115	64	74	41		8	103	57	83	67	768	17314
	WAT		3	7	6	8	2	6	2	8	7	5	7	61	
8M 826N 4W	GAS	2130	672	1279	2048	1937	831	1306	737	1878	1503	1948	1696	17965	605732
	OIL														2696
	WAT	16	6	6	15	16	6	12	5	12	10	15	15	134	
JICARILLA 123 C															
2TF 625N 4W	GAS	9609	6148	7451	4729	5721	3666	5994	4701	7688	7016	2723	7801	73747	214460
	OIL	133	67	110	57	52	87	76	65	152	141	51	166	1157	3708
JICARILLA 152 W															
1M 726N 5W	GAS	4086	2798	3942	3007	3436	852	3900	3595	3160	3528	3116	2603	38023	448119
	OIL	56	24	39	31	35		49	41	46	44	45	25	455	3632
3D 726N 5W	GAS	2196	2387	1843	191	497		66	3472	1984	1878	3239	1723	19426	871006
	OIL	8	16	1									131	156	3098
	WAT	8	8	8	2	3			11	5	4	7	3	59	
6E 526N 5W	GAS			3664			2992	5828	6573	6501	5861	4707	5677	41803	41803
	OIL											160	85	245	245
LITTLE FEDERAL															
2C 130N14W	GAS	3226	5001	2147		2353	2291	2204						17222	229539
	OIL	75	18	113		66	5	86						363	6733
3C1230N14W	GAS	388	468	264	458	1342	866	989	888	734	600	573	552	8122	82929
	OIL		29	46		17	20	14	72	27	57	50	27	359	3843
WESTERN R															
1H 826N11W	GAS														4189736
	OIL					1	13							14	36790
WESTERN C															
1A2026N11W	GAS	7242	5797	7292	5734	4910	4908	5450	3819	4311	5009	6708	4383	65563	3856451
	OIL	72	78	61	80	40	31	7	39		97	87		592	26038
COMPANY TOTAL	OIL	773	624	795	596	639	524	454	492	585	702	707	704	7590	176976
	GAS	82301	63157	76751	60831	59392	57491	66382	60484	66816	67976	59661	59607	780849	20236445
	WAT	24	17	21	23	27	8	18	18	25	21	27	25	254	
EL PASO NATURAL GAS COMPANY					**********										
ALLISON UNIT															
1E1732N 6W	GAS	2974	2465	2982	2727	2041				1621	1940	2660	2924	22334	2341160
A 511632N 7W	GAS									9138	10273	7210	8242	34863	34863
	WAT										15	11	15	41	
7P1032N 7W	GAS	8655	8208	9264	6574	8581		1075	5055	5780	9610	8856	9068	80726	4780479
	WAT	14	16	16	12	16		3	8	9	15	15	16	142	
9G1332N 7W	GAS	9506	7220	9081	7478	5554		2062	10065	4867	4905	9503	7470	77711	3890465
10E2032N 6W	GAS	ZONE ABANDONED													40948
X 11A7332N 7W	GAS	19574	19009	16884	15522	10749		8198	12454	5927	11852	19462	17907	157538	6204175
12G1432N 7W	GAS	39188	29691	33992	29622	20736		11718	1667	5753				172367	7961436
	WAT	16	12	14	15	11		4	1	2				75	
13H1232N 7W	GAS	2390	1816	2231	2094	1824		683	7993	1616	2557	1995	2044	22243	1090138
16N1532N 7W	GAS	5375	4305	4629	3949	5683		3748	3409	2818	4646	4593	4828	47983	1785660
17K2432N 7W	GAS	1887	823	3750	2773	2413		1818	1732	1445	2722	3435	3124	25922	1734624
18B2532N 7W	GAS	1009	2023	2406	1978	1795		577	2449	1280	1961	2241	1960	19679	198631
20L1832N 6W	GAS	19046	15354	21314	15214	14225			10551	11948	19268	14538	17381	158839	4940377
X 23M1932N 6W	GAS	5726	4120	4831	4198	2438		1516	6918	3581	4299	3513	4929	46069	1695857
26I 932N 7W	GAS	LAST PROD. DATE 01/78												U	323125
31L1432N 7W	GAS	9708	9264	8785	309	6498			6300	4685	5141		4118	54808	163377
	WAT	32	32	32	2	18			18	12	11		10	167	
40A1932N 6W	GAS	1387	1305	1395	1412	1080			610	818	1414	1287	564	11767	148290
57K1332N 7W	GAS									51568	55037	31518	24963	163086	163086
	WAT										15	11	15	41	
ALLISON UNIT NP															
27A3032N 6W	GAS	3423	2353	3123	2563	2042		622	2351	2148	2082	2795	2420	25922	566379
32E2132N 6W	GAS	RECOMPLETED TO BLANCO MESAVERDE (PRORATED GAS)													40972
38D1732N 6W	GAS	ZONE ABANDONED													27145
41K2432N 6W	GAS	RECOMPLETED TO BLANCO MESAVERDE (PRORATED GAS)													69703
ANGEL PEAK															
1N 227N11W	GAS	17045	15080	17040	16084	14895	14516	12946	15862	13704	13597	13401	14950	179120	5434952
	OIL	118	106	104	94	59	78	87	67	88	73	120	74	1068	51956
7L2027N11W	GAS	1373	1370	1529	1478	2549	1920	1670	1600	1474	1530	2173	1938	20604	1251472
	OIL	10	11	9	12	23	7	9	8	10	6	4	28	137	12126
3G2027N11W	GAS	LAST PROD. DATE 04/76												U	725847
	OIL														7724
BALLARD															
11D1526N 9W	GAS	1872	4935	3089	2781	2267	3131	2246	2407	2351	2130	2071	4532	33762	960309
	OIL	2	39	27	41		24	25	18	53		13	51	293	23029
12J1526N 9W	GAS	3396	3256	3342	3177	3111	2546	3103	3132	2941	3135	3097	2633	36869	1356078
	OIL	13	43	31	13	24	22	22	28	49	34	36	23	338	21124
	WAT	17	15	16	16	16	12	16	16	15	16	16		171	
13E1426N 9W	GAS	3582	3432	5183	4067	3330	4344	4560	3490	3058	3161	5481	3600	47288	1682051
	OIL	41		61	32	24	12	37	18	26	31	68	72	422	26380
14L1426N 9W	GAS	1938	700	1653	1323	844	1089	1417	1491	1261	1459	1390	1061	15626	1355244
	OIL	52	13	29	22	24	8	3	28	12	16	21		228	36323
BALLARD COM															
15J3226N 9W	GAS	PLUGGING APPROVED 1967													83083
	OIL														2560
BLOOMFIELD															
1A1729N11W	GAS	8364	4996	6702	5770	5886	6352	5778	5962	5972	5833	7773	7460	76848	2247946
	OIL	61	62	56	56	55	66	56	48	50	33	66	78	686	25038
E 1J1729N11W	GAS	11092	9016	9370	2404	8534	7560	6361	5839	4719	4042	6845	5757	81539	112660
	OIL	98	91	89	33	46	60	57	48	37	39	55	62	715	1017
BROOKHAVEN COM C															
9M1631N11W	GAS	2016	2305	2165	1861	2260	1927	2310	2640	1903	2454	2146	966	24953	507771
	OIL	15	18	11	11	10	12	8	13	9	11	16	6	140	755
BRUINGTON															
4K 630N11W	GAS	2381	2051	2122	2134	2356	1828	2497	2352	2252	2405	2285	2141	26804	709496
	OIL														1196
BURROUGHS COM C															
5G 227N 9W	GAS	1773	1415	1842	1994	1823	1229	1742	1814	1729	1739	1664	1659	20423	533129
	OIL	9	8	10	4	1	2	1	2	3	2			42	2005
	WAT	10	8	8	11	11	8	10	11	11	11	10	10	119	
BURROUGHS COM W															
10D3626N 9W	GAS	2484	1885	2066	1556	2143	1567	1696	1796	2007	2283	1888	2172	23543	272979
	OIL	35	27	21	26	21	10	20	25	23	26	22	27	283	3745
CANYON LARGO UNIT															
642524N 6W	GAS	4973	2425	1175	7530	5307	5623	4464	2509	5378	6497	5431	5531	56943	398779
	OIL	37	5		58	23	48	24	27	38	45	66	27	398	3040
95B3625N 6W	GAS	597	570	609	529	612	694	764	627	645	681	903	826	8055	1219790
	OIL														4457
110D 124N 6W	GAS	5597	4680	4375	4701	3362	2927	2908	3252	2883	3469	3705	3714	45573	2678731
	OIL		28	15	28	36	43	14		17	17	58	6	262	33794
111G 124N 6W	GAS	LAST PROD. DATE 10/79												U	599410
	OIL														5171
116I1224N 6W	GAS	1663	1883	2194	2569	1979	1799	1384	1157	601	779	900	1070	17978	667363
	OIL	47	47	28	16		17					46	51	252	13178

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	MP	ACCUM.
117M 324N 6W	GAS	3290	3011	3073	2848	2600	2439	2519	3046	2092	1758	2671	3285	32632		1174944
	OIL	6	12	8	16		8	1	10		3	29	9	102		4480
135H3325N 6W	GAS	5004	4692	5328	5421	5475	5261	5288	5271	5065	5471	4719	5148	62143		1423103
	OIL	80	93	78	79	73	88	72	78	85	76	107	83	992		26006
1440R125N 6W	GAS			32	578	535	885	790	856	823	685	960	894	7038		169887
	OIL			6	6	15	4	8				4		43		3949
	WAT				3	2	3	3	3	3	2	4		23		
166M 225N 6W	GAS	6984	8490	7790	8217	8830	6123	8309	8778	7729	8046	7677	8049	95016		373083
	OIL	68	57	44	72	52	76	51	69	56	56	108	38	747		3088
	WAT	12	12	13	13	13	7	11	13	12	13	12	13	144		
186A1125N 6W	GAS	2529	1983	3281	3255	3184	3094	3203	2633	2275	2759	2693	2475	33364		422494
	OIL	13	12		31	2	34	13	18		21	71	8	223		4530
239K 125N 6W	GAS	1767	1723	1964	2678	2646	2650	2475	2548	2304	2482	2355	2492	28044		338427
	OIL															12
240L1225N 6W	GAS	2735	2335	2236	2585	2651	2568	2531	2303	2333	2503	2335	2405	29520		337133
	OIL	1		3	6	4	7	4	4		2	23	4	58		704
249H 424N 6W	GAS	575	453	398	652	562	548	535	584	498	335	437	419	6011		82464
	OIL	40	36	19	48	30	24	29	37	47		68	36	414		5343
250H 125N 6W	GAS	4414	3987	4090	4117	4146	4084	4295	4287	3896	3618	2626	3467	47027		522184
	OIL	47	36	39	41	21	55	33	33	42	28	93	69	537		6432
252A 325N 6W	GAS	6628	6304	6630	6434	6416	5787	6688	6649	6186	6413	6721	6454	77290		753514
	OIL	42	35	22	44	33	19	28	24	34	26	117	14	438		4376
253I1225N 6W	GAS	2672	2498	2669	2668	2665	2408	2531	2187	2609	2785	2535	2734	30981		340798
	OIL	11	12	8	13	6	16	11	10	8	21	54	2	177		1251
254A1325N 6W	GAS	3343	3030	3363	3139	3126	2798	3100	2882	2902	3165	3099	3099	37046		459414
	OIL	16	23	12	15	4	20	13	15		22	58		198		1032
278K1125N 6W	GAS	2644	2029	2413	1846	2002	1655	1865	2071	1905	1976	1781	1868	24055		308489
	OIL	21	20	25	21	11	6	17	28	1	18	71	15	254		3085
279A1425N 6W	GAS	2168	2034	1961	2075	2078	2105	1777	1371	1598	1954	2130	2023	23274		251547
	OIL															99
286B1124N 6W	GAS	5632	4285	4456	3324	3007	3542	3403	3053	2769	2603	2371	2141	40586		655688
	OIL		1	3	3		7	1	6	6	8	76	7	118		165
	WAT	58	51	59	50	43	56	52	56	55	55	55		590		
287K 325N 6W	GAS	6015	5403	5551	4488	4609	4092	6343	5654	4574	4540	4514	4936	60719		145592
	OIL	32	8	20	14	11	10	16	14		17	49	12	203		487
288K1325N 6W	GAS	1870	1690	1745	2615	2184	1578	1491	1724	2053	1894	1996	1971	22811		182970
	OIL	3	9		11	5	4	5	7		11	81	6	142		514
291O1224N 6W	GAS	2954	2828	3122	3207	2510	2830	2520	2094	2335	2193	2143	2013	30749		73649
	OIL	68	63	49	66	45	70	46	36	49	52	137	38	699		1235
	WAT	45	53	69	87	55	68	69	59	66	69	66		686		
292H1025N 6W	GAS			13537	14698	11399	12561	11929	10807	9688	10255	9364	10632	114870		114870
	OIL			44	60	34	66	43	46	35	45	95	28	496		496
294A 225N 6W	GAS			22994	16266	17345	14318	13608	13016	12403	12066	11127	10985	144128		144128
	OIL			331	278	236	249	180	152	138	104	167	51	1886		1886
	WAT					37	36	37	37	36	37	36		256		
295A 425N 6W	GAS			12029	17944	10436	12478	13269	13014	10879	12586	11355	10369	119259		119259
	OIL			158	152	120	125	107	133	132	110	163	146	1346		1346
	WAT					114	143	148	148	138	143	143	29	1006		
297J1324N 6W	GAS						35157	31300	22159	21379	23251	20271	19466	172983		172983
	OIL							540	204	224	187	223	186	1564		1564
	WAT							140	105	122	138	136	148	789		
CANYON LARGO UNIT NP																
49N1724N 6W	GAS	838	682	949	1084	1072	1125	1060	614	269	414	487	104	8698		263664
	OIL	7	11	6	8	8	9	9		1		1	1	61		1781
187J2025N 6W	GAS	632	423	641	646	588	426	453	578	591	496	523	646	6643		102766
	OIL	3	3	2	1	4			1			1	6	21		1050
188N3325N 6W	GAS	635	532	491	597	669	674	588	680	657	741	663	707	7634		163045
	OIL															314
241K2325N 7W	GAS	460	408	436	444	435	431	401	344	414	415	441	348	4977		43487
	OIL	28	33	35	2	37	47	31	30	20	42	24	6	345		5372
255K1325N 7W	GAS	794	701	838	924	835	439	941	380	555	644	240	638	7929		90698
	OIL	22	24	22	13	16	19	20	7	12	33	9	17	214		4366
256K2725N 7W	GAS		167											167		1811
	OIL															1234
CARSON																
2K 730N 4W	GAS	12706	9548	12029	10495	10190			1139	12830	6820	1807	11336	88900		143906
CASE																
9K 831N11W	GAS	3144	3627	3882	3608	3971	3809	3478	3652	3652	3690	2833	2974	42320		906140
	OIL															655
DAUM																
5K3228N 9W	GAS	7703	6497	5232	5628	5401	3839	6170	7526	4960	7256	8452	3172	71836		2878815
	OIL	67	64	52	46	27	30	44	64	67	68	94	53	676		32504
6D3228N 9W	GAS	3552	4171	3486	2825	3155	3005	3237	3804	3957	5206	5186	4935	46519		1727462
	OIL	17	30	24	10	1	17	11	28	29	41	31	35	274		21910
P L DAVIS																
1L2526N11W	GAS	1763	1568	2091	1692	1446	1856	1554	1616	1759	1441	1287	1367	19440		1086521
	OIL		15	19	3	2	4						2	45		11972
2B2526N11W	GAS	2251	1614	1783	1809	1336	1363	1266	1191	1089	1112	1243	1403	17460		774563
	OIL	10							1				2	13		7377
3O1326N11W	GAS	1660	1524	1811	1688	1548	1499	1258	1280	1409	1452	1556	1425	18110		468740
	OIL	7	7	3	1	1			1	2			13	35		5152
4A3526N11W	GAS	4103	3631	4052	3597	2819	3169	3455	3512	3724	3745	3906	3214	42927		1018551
	OIL		3	7	3		16			1			6	36		5297
DAY B																
3A 727N 8W	GAS	3728	3490	3456	2702	3228	2988	2858	2764	2630	2477	2508	2738	35567		1021891
	OIL	31	29	30	20	19	13	6	24	22	5	11	21	231		8810
4K 727N 8W	GAS	2500	2038	2397	1957	2623	2314	1922	2428	2417	2185	2011	2140	26932		610441
	OIL	15	13	12	5	19	10	18	13	14	16	13	10	158		3194
	WAT	12	11	11	9	9	9	7	9	9	9	9		104		
DOW MARK COM																
1J3626N 9W	GAS	1599	1390	1276	1086	1208	1164	1124	960	1185	1255	1046	1177	14470		190060
	OIL	21	20	17	11	21	5	15	13	14	18	2	25	182		3538
EPNG A																
102132N 6W	GAS	ZONE	ABANDONED													28835
EPNG B																
102832N 6W	GAS	202	163	192	177	178		30	126	154	164	163	158	1707		69411
EPNG COM I																
10F3231N 8W	GAS	3699	3285	3688	3465	3480	3635	455	2333	1423	3286	2491	1836	33076		400642
	WAT	11	11	11	11	9	11	2	9	4	10	8	7	104		
FARMINGTON A																
1P 129N13W	GAS	5665	4892	5524	4842	4421	6099	5731	5574	5102	5741	5988	5767	65346		1435357
	OIL	34	68	37	57	23	48	48	46	46	56	71	74	608		16463
E 10 129N13W	GAS						142	30700	20914	16032	14371	13766	11928	107853		107853
	OIL						198	595	344	345	257	257	228	2224		2224
	WAT							26	27	26	27	29	26	161		
FARMINGTON COM																
1L3631N13W	GAS	1944	1659	1870	2164	1968	2106	1689	1510	1791	2000	2100	1915	22716		771514
	OIL	31	2	19	1		4					101		158		5383
FARMINGTON COM B																
1A3631N13W	GAS	1181	2928	2243	1663	2025	1383	1781	1928	1200	1913	1854	1087	21186		344685
	OIL															1526
FFUILLE A																
5J 429N10W	GAS	3750	3379	3821	4575	4717	4211	3744	2733	3173	4113	3206	3494	44916		1327861
	OIL															2745
FILAN																
5M 527N 9W	GAS	5251	4134	6029	4783	5095	4881	3133	3347	4238	5314	5068	4369	55622		2085383
	OIL	34	34	51	26	43	41	16	33	18	56	46	31	429		21076
6G 527N 8W	GAS	1533	1347	1223	1251	975	850	1702	1462	710	1483	1428	1562	15576		319153
	OIL															1121
FLORANCE C																
9L3028N 8W	GAS	978	1672	2049	1665	1857	1398	1839	1516	2543	1311	1325	1855	20008		1328698
	OIL		10	8	8	7	8	6	6	2	7	6	6	74		11922
10H3028N 8W	GAS	1751	1303	1566	1673	1607	1290	1391	1393	1464	1174	1509	1677	17798		489658
	OIL															580
FROST																
9P2527N10W	GAS	1184	1075	1275	1162	718	1021	1114	1213	908	969	1029	1160	12828		398761
	OIL															4445
GARTNER																
9A3330N 8W	GAS	399	331	563	383	360	460	347	324	309	349	272	368	4465		213730
GE ELE GU LITM E																
2L 726N 8W	GAS	8108	6203	6834	7392	7706	6900	6676	7084	4839	6919	6235	6184	81080		2115908
	OIL	96	29	68	54	39	122	55	45	35	67	74	78	762		28628
GONZALES COM																
3K1630N12W	GAS	260	210	204	158	197	279	319	387	374	296	310	239	3233		97819
	OIL															773
	WAT	13	12	16	9	12	16	17	16	24	20	17	13	185		
GORDON A																
2P2427N10W	GAS	2492	1956	1552	2199	2786	2176	1260	1022	1609	1592	2668	2283	23595		1356670
	OIL	24	77						3	2	5	19	24	154		15748
HANCOCK																
6L2928N 9W	GAS	880	1410	1401	945	678	668	817	542	392	768	484	682	9667		1131422
	OIL		3	17	1				12	6	6	2		47		14550
7L3028N 9W	GAS	4183	6081	5919	3570	5610	4020	3229	2980	4266	5065	2851	6010	53784		2813056
	OIL		41	52	22	42	31	15	15	19	45	23	36	361		31114
E 7J3028N 9W	GAS	8174	4789	5974	5221	5618	5820	4302	4872	4595	3229	5410	4061	62065		69733
	OIL	56	20	51	36	44	2085		41	75	28	53	52	2541		2627
HANCOCK B																
5M3128N 9W	GAS	5416	5801	4922	4820	4509	4333	4497	4707	4449	4258	4967	5525	58004		2517435
	OIL	17	29	17	8	17		7	15	6		5	40	156		23015
F 5I3128N 9W	GAS	1849	1664	2151	2227	2385	1872	1780	2801	2977	2694	1794	2398	26597		33731
	OIL	18	26	18	3	12	8	7	15	28	18	11	12	176		239

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.
JICARILLA 152 N															
1M 726N 5W	GAS	2548	3079	2894	2641	2133	804	3165	2637	816	3156	2961	3092	29926	478045
	OIL	26	39	32	23		210						53	383	4015
3D 726N 5W	GAS	1601	3119	2704	3522	1819	3907	2879	4481	4008	2165	2320	2862	35387	906391
	OIL	4	39	17	28		241	23	58				199	609	3707
	WAT	2	5	6	8	4	8	5	8	8	4	6	7	71	
6E 526N 5W	GAS	4111	1610	1271	3794	5663	3914	4531	3030	163	4775	7422	2433	42717	84520
	OIL	57		86	60							120		325	570
LITTLE FEDERAL															
2C 130N14W	GAS			7815	4692	3160	3678	2825	3288	2645	2146		2189	32438	261977
	OIL	92		35	33	25	57	26	86	48	56			458	7191
3C1230N14W	GAS	1279	641	842	547	370	907	962	861	970	641		479	8499	91428
	OIL	55	40	34	36				35	17	38			255	4098
	WAT						21	28	20	25	14		5	113	
WESTERN N															
1M 826N11W	GAS										2487		6870	9357	4199093
	OIL														36790
WESTERN C															
1A2026N11W	GAS	5797	4901	5148	3034	2506	4516	294			2487	7343	6870	47896	3899347
	OIL		1	20	17	7								45	26083
	WAT						33	1						34	
COMPANY TOTAL	OIL	914	535	497	424	357	658	278	404	482	325	2060	1186	8120	185096
	GAS	69084	54322	71967	70052	68323	58595	39726	40155	35955	64159	78744	81044	731833	20968278
	WAT	23	12	14	89	132	161	121	90	108	199	96	59	1104	
EL PASO NATURAL GAS COMPANY															
ALLISON UNIT															
1E1732N 6W	GAS	2387	1994	2617	2836	2240	368	3502	3220	3052	3000	2725	2589	30530	2371690
A 511632N 7W	GAS	7887	6763	7291	6758	3550	5379	3214	2503		2513	8138	8222	62218	97081
	WAT	15	13	15	14	8	7	5	3		3	14	15	117	
7P1032N 7W	GAS	8547	7872	8123	8489	3253	5693	2985	1375		8820	6717	4517	66391	4846870
	WAT	15	14	15	15	5	9	5	3		13	11	6	111	
9G1332N 7W	GAS	5830	7069	7793	5943	3291	3059	3780	6735	2301		3554	11136	60491	3950610
10E2032N 6W	GAS	ZONE	ABANDONED												40948
X 11A2332N 7W	GAS	20138	16683	18004	10179	5110	8700	4713	2910		2303	14882	8668	112290	6316465
12G1432N 7W	GAS	31566	38161	25375	16102	22046	26473	11841	16460	20519	7784	43630	27095	287072	8248508
	WAT	13	14	10	6	9	10	5	7	9	2	15	10	110	
13M1232N 7W	GAS	1940	1614	1501	1195	1156	995	870	575	349	2402	1918	1321	15836	1105974
16N1532N 7W	GAS	4437	3181	4335	4161	1047	2405	1832	1618		3254	3813	4439	34522	1820182
17K2432N 7W	GAS	3751	2741	3183	3195	2225	1735	1105	1152		1118	2206	2689	25100	1764724
18B2532N 7W	GAS	1810	1600	1676	1305	854	860	1020	1278		2595	1652	1920	16570	215201
20L1832N 6W	GAS	18763	15376	18030	6832	6858	8277	21235	20956	15442	18421	15975	14463	180628	5121005
X 23M1932N 6W	GAS	3860	3293	4969	4508	3552	2976	2619	4607	1313	355	6519	5749	44320	1740177
261 932N 7W	GAS	LAST	PROD.	DATE	01/78									U	323125
31L1432N 7W	GAS	11150	6298	6383	4783	3857	7092	2698	966		7857	6489	3850	61423	224800
	WAT	30	24	27	22	16	17	10	6		27	20	12	211	
40A1932N 6W	GAS	208	1075	780	832	110	979	110	1217		1525	758	246	7840	156130
57K1332N 7W	GAS	30967	29820	39089	36101	18806	23077	18514	13592	15381		14349	33306	273002	436088
	WAT	15	13	15	14	8	7	5	3	4		4	9	97	
ALLISON UNIT NP															
27A3032N 6W	GAS	2411	2243	2738	2020	1216	1036	800	1507		2201	2424	2719	21315	587694
32E2132N 6W	GAS	RECOMPLETED TO			BLANCO MESAVERDE (PRORATED GAS)										40972
38D1732N 6W	GAS	ZONE	ABANDONED												27145
41K2932N 6W	GAS	RECOMPLETED TO			BLANCO MESAVERDE (PRORATED GAS)										69703
ANGEL PEAK															
1M 227N11W	GAS	14927	12306	13849	10548	2315	11921	9810	15573	6451	2586	8124	19052	127462	5562414
	OIL	113	108	74	107	15	40	33	71	16	25	50	101	753	52709
2L2027N11W	GAS	1429	1765	1407	893	1086	1115	1145	1522	1351	945		1896	14554	1266026
	OIL	1	8	9				4	5	30	5			62	12188
3G2027N11W	GAS	LAST	PROD.	DATE	04/76									U	725847
	OIL														7724
BALLARD															
11D1526N 9W	GAS	2942	2171	3774	1928	2317	3409	2412	2004	2266	1720		2118	27061	987370
	OIL	15	3	18	17		48	9	19	17	11		46	203	23232
12J1526N 9W	GAS	2771	1609	2161	2089	2679	959	579	1320	1613	1735		1042	18557	1374635
	OIL	18	10	19	10	26	13	8	1		19		3	127	21251
13E1426N 9W	GAS	4044	4592	5035	3305	3521	3952		552		249	120	5860	31230	1712990
	OIL	49	55	45	18	4	72						78	321	26701
14L1426N 9W	GAS	920	1562	1100	826	1119	1960	1934	1147	742	1643		410	13363	1368607
	OIL		25	23			62	83	18		11			222	36545
BALLARD COM															
15J3226N 9W	GAS	PLUGGING	APPROVED	1967											83063
	OIL														2560
BLOOMFIELD															
1A1729N11W	GAS	7307	5654	5687	4793	5454	1097	750	2480	130	3576	5397	6863	49188	2297134
	OIL	75	84	52	72	39	33	1	34	3	31	70	71	565	25603
E 1J1729N11W	GAS	5668	4297	4348	4024	4659	1337	725	2315	136	4245	5845	6189	43788	156448
	OIL	40	55	23	55	33	16		20	2	36	76	58	414	1431
BROOKHAVEN COM G															
9M1631N11W	GAS	988	1645	2131	1360	1706	1950	1463	1715	1122	387	215	1390	16072	523843
	OIL	2		3	7		11	1	5	2				31	786
BRUINGTON															
4K 630N11W	GAS	1952	1820	2008	1845	2097	1898	2164	2077	1738	1757		403	19759	729255
	OIL														1196
BURROUGHS COM C															
5G 227N 9W	GAS	1971	1489	1508	1457	1698	1412	1382	1177	905	958		1279	15236	548365
	OIL			4		7	6	4	3				4	28	2033
	WAT	11	10	10	10	10	10	8	8	6	5		6	94	
BURROUGHS COM M															
10D3626N 9W	GAS	2203	2113	2139	1751	1862	2110	1968	1688	2061	1889		1563	21347	294421
	OIL	24	11	39	23	14	15	27	13	28	15		27	236	3981
CANYON LARGO UNIT															
6A2524N 6W	GAS	5487	4311	4980	4584	4847	769				6125	6322	4895	42320	441099
	OIL	45	33	29	28	23	8				47	38	26	277	3317
9S83625N 6W	GAS	668	673	976	711	899	834	799	876	695	435	402	797	8765	1228555
	OIL														4457
11D0 124N 6W	GAS	4353	3454	4299	3106	3514	923		3873	3279	375	904	2218	30298	2709029
	OIL			2										2	33796
111G 124N 6W	GAS	58		21	3									82	599492
	OIL														5171
11E11224N 6W	GAS	1391	928	956	985	800	809	830	1080	928	819		1568	11094	678457
	OIL	12	3		2					12	55	10	14	108	13286
117H 324N 6W	GAS	3107	2607	2241	2868	3925	3099	2540	254		3977	1021	4738	30377	1205321
	OIL	6	8	2	3	10	6	4	4	1	8	1	20	73	4553
135H3325N 6W	GAS	5018	4588	4723	4791	5045	187		1251		6061	5029	4751	41464	1464547
	OIL	61	82	88	59	64	8	2	35	4	128	83	65	679	26685
144D1725N 6W	GAS	549							14					563	170450
	OIL														3948
166N 225N 6W	GAS	7838	6212	6746	7933	7228	499		871	764	4493	13278	9220	65082	438165
	OIL	39	44	44	49	42	9	2		12	45	90	67	443	3531
	WAT	13	11	12	12	11	1		1					61	
186A1125N 6W	GAS	2829	2013	2801	2478	2498	2412	2352	2424	2932	1589		323	24651	447135
	OIL	28	6	33	14	4	16	6	7	27	7			142	4672
239K 125N 6W	GAS	2982	2721	2891	2576	2544	2511	2504	2119	1882	1699		141	24570	362997
	OIL														12
240L1225N 6W	GAS	2380	2177	2489	2170	2386	2276	2294	2627	2348	1670		123	22940	360073
	OIL	7	3	13		5	4	4	6	2	9	2		55	759
249H 424N 6W	GAS	374	404	445	437	461	507	461	460	460	434	348	189	4980	87444
	OIL	41	29	33	30	23	49	24	22	37	28	35	6	357	5700
250H 125N 6W	GAS	3783	3414	4584	4070	3841		110	1452	4233	3525	1567	4992	35571	557755
	OIL	34	4	61	41	27	11		5	40	19	12	30	284	6716
252A 325N 6W	GAS	6415	5271	5880	5814	5722	286		1703	1655	7968	8067	7015	55796	809310
	OIL	41	32	28	20	27			24		35	57	24	288	4664
253I1225N 6W	GAS	3697	3071	3379	3002	713		2136	2724	2372	1780	112	3508	26494	367292
	OIL	25		21	12			3	10	16		2	7	96	1347
254A1325N 6W	GAS	3146	2758	3172	2888	3120	3015	2994	4540	3481	773		3783	33670	493084
	OIL	26		25	13	12	10	10	5	7	3	2	18	131	1643
278K1125N 6W	GAS	1948	1695	1912	1680	1630	2107	1943	2157	2172	1075		111	18430	326918
	OIL	18	14	21	12	13	29	13	28	15	5	4		172	3257
279A1425N 6W	GAS	2018	1370	1788	1284	1769	2014	1293	1957	2044	1387		58	16982	268529
	OIL														99
286B1124N 6W	GAS	1537	1873	2252	1985	2031	1947	2137	2000	1819	1222		1460	20263	85831
	OIL	2	8	2	1	2	2					3		18	183
287K 325N 6W	GAS	4612	3902	4130	4186	4799	293	382	2075	2782	3301	6250	6038	42750	188342
	OIL	2		22	10	3		5	5		13	14	19	93	580
288K1325N 6W	GAS	1848	1309	1709	1194	2159	1631	1870	1895	1831	971		72	16489	199459
	OIL	5		10		7	4	8	13		7	1		55	569
291D1224N 6W	GAS	1908	1606	1856	1702	1637	2086	2046	2020	1671	1124		1409	19065	92714
	OIL	53	20	53	48	53	59	38	55	50	20	6	5	460	1695
292H1025N 6W	GAS	10300	8849	9657	9103	2460		5855	13704	9664	2774	3991	10641	86998	201868
	OIL	38	30	39	30	13	6	46	38	4	35	27	56	362	858
294A 225N 6W	GAS	10797	9518	10862	9558	7291	184	605	6220	57	6507	14513	11142	87254	231382
	OIL	54	5	123	51	35	2	1	48		64	71	49	503	2389
295A 425N 6W	GAS	12658	11644	12547	13206	3521	7270	10729	14440	5307	3432	3376	16749	114879	234138
	OIL	127	49	170	124	32	72	80	123	41	47	39	129	1033	2379
	WAT	29	27	24	29	8	11	11	29	47	19	17	93	344	
297J1324N 6W	GAS	18261	15657	16799	15494	15757	2534				18979	21101	17538	142120	315103
	OIL	154	147	126	140	108	34				134	172	94	1109	2673
	WAT	148	133	148	143	148	25							745	
CANYON LARGO UNIT NP															
89M1724N 6W	GAS	61	43	19	285	304	401	350	290	112	654	945	902	4366	268030
	OIL			47										47	1828

1982

TULLY AND CUNNINGHAM, P.A.
LAW OFFICE
3001 NORTHRIDGE DRIVE/SUITE A
POST OFFICE BOX 268
FARMINGTON, NEW MEXICO 87499-0268
(505) 327-3388

RICHARD T.C. TULLY

MICHAEL CUNNINGHAM

April 10, 1984

Richard P. Jordan
Gas Purchase Representative
El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: Canyon Largo Unit
Canyon Largo Unit #297 Well
Rio Arriba County, New Mexico

Dear Richard:

Receipt is acknowledged of your letter dated February 14, 1984 addressed to Bolack Minerals Company, and pertaining to the Gas Purchase Contract for the above-captioned Well.

El Paso is correct in stating the E/2 of Section 13, T-24-N, R-6-W, N.M.P.M., Rio Arriba County, New Mexico, is dedicated to this Dakota Well. However, the federal oil and gas lease owned by Bolack Minerals Company covers the S/2 of Section 13. Bolack Minerals Company does not own any interest in the N/2 of Section 13. It was the intention of the Bolacks to dedicate their interest in this lease to El Paso, and the Gas Purchase Agreement, which was prepared by El Paso, expressly described the S/2 of Section 13.

Accordingly, the proposed four copies of the Letter Agreement which accompanied your February 14, 1984 letter will not be executed.

Please advise if you need further information or assistance in this matter.

Sincerely,

Richard T. C. Tully

Richard T. C. Tully

RTCT:sak

xc: Bolack Minerals Company
3901 Bloomfield Highway
Farmington, N. M. 87401

William R. Speer
Consulting Geologist
P. O. Box 255
Farmington, N. M. 87499

State of New Mexico

JIM BACA
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

April 9, 1984

El Paso Exploration Company
P. O. Box 1492
El Paso, Texas 79978

Re: First Amendment to 1984
Plan of Development
Canyon Largo Unit Agreement
Rio Arriba County, New Mexico

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to your 1984 Drilling Program for the Canyon Largo Unit Agreement, Rio Arriba County, New Mexico. Such program provides for the drilling of ten additional Gallup and one additional Pictured Cliffs wells. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy of your amended plan for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Roswell, New Mexico
BLM-Albuquerque, New Mexico

IN REPLY REFER TO:

Canyon Largo Unit

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
505 Marquette, N.W.
P.O. Box 6770
Albuquerque, New Mexico 87197-6770

APR 02 1984

El Paso Exploration Company
Attention: D. N. Canfield
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

Two approved copies of your first amendment to the 1984 plan of development for the Canyon Largo unit area, Rio Arriba County, New Mexico are enclosed. Such plan proposing ten additional Gallup and one additional Pictured Cliffs wells was approved on March 28, 1984, subject to like approval by the appropriate officials of the state of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHERTON
for District Manager

Enclosures

cc:
NMOCD, Santa Fe
Comm. of Public Lands
RA, Farmington (w/encl.)

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

February 27, 1984

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1984 Drilling Program

Gentlemen:

The 1984 Drilling Program for the Canyon Largo Unit was approved by the regulatory bodies on the dates indicated:

Bureau of Land Management	2-22-84
Commissioner of Public Lands	2-6-84
Oil Conservation Commission	2-20-84

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly yours,

Van L. Goebel

Van L. Goebel
Landman
Land Department

VLG:cc
Canyon Largo Unit, 3.0

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (4)

Atlantic Richfield Company (3)

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts
No. 1, 2, 3

J. Gregory Merrion

Merrion Petroleum Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petro-Lewis Corporation

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Tenneco Oil Exploration and Production

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

Canyon Largo Unit

FEB 22 1984

El Paso Natural Gas Company
Attention: Mr. D. N. Canfield
P.O. Box 1492
El Paso, Texas 79978

Gentlemen:

Two approved copies of your 1984 plan of development for the Canyon Largo unit area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill three Gallup wells, numbers 342, 343, and 344 during 1984, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

For District Manager

Enclosure

cc:
NMOCD
Comm. of Public Lands
Fluids Section (FRAH, w/encl.)
File: Canyon Largo (Plan of Development File)
O&G Chrono
Micrographics (w/encl.)

015:RKent:ir:02/21/84:0088B

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

February 20, 1984

El Paso Natural Gas Company
P.O. Box 1492
El Paso, Texas 79978

Attention: D. N. Canfield

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1984 Drilling Program

Dear Mr. Canfield:

Enclosed please find an approved copy of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

Roy E Johnson

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Aztec

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

February 14, 1984

Bolack Minerals Company
Route 3 South, Box 47
3901 Bloomfield Highway
Farmington, New Mexico 87401

Attention: Mr. Tom Bolack

Re: EPNG-Canyon Largo Unit No. 297 Well
E/2, Sec. 13, T24N, R6W
Rio Arriba County, New Mexico

Gentlemen:

Attached for your consideration are four copies of a Letter Agreement dated February 14, 1984 correcting the unit description for the captioned well which is subject to the terms and provisions of the Gas Purchase Agreement between us dated April 10, 1981, #840E.

If the attached meets with your approval, please sign and return all copies. We will then sign and return two fully executed copies for your files.

Very truly yours,

GAS PURCHASES DEPARTMENT

Richard P. Jordan

Richard P. Jordan EXT. 3843
Gas Purchase Representative

/rah
Attachments

rh

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE 915-541-2600

February 14, 1984

Bolack Minerals Company
Route 3 South, Box 47
3901 Bloomfield Highway
Farmington, New Mexico 87401

Re: EPNG-Canyon Largo Unit No. 297 Well
E/2, Section 31, T24N, R6W
Rio Arriba County, New Mexico

Gentlemen:

Reference is made to that certain Gas Purchase Agreement dated April 10, 1981, #840E between us regarding the sale and purchase of your interest in gas production from certain acreage located in San Juan County, New Mexico, as described in Exhibit "A" thereto attached and made a part thereof.

It has now come to our attention that the proration unit description, as originally provided to us by our Land Department, for the Canyon Largo Unit No. 297 well is incorrect. Accordingly, with regard to said well, the parties hereto agree that the words "South Half (S/2)" shall be deleted in their entirety and the words "East Half (E/2)" substituted in lieu thereof.

As herein specifically amended, said Gas Purchase Agreement shall remain in full force and effect in accordance with its terms.

If the foregoing is in accordance with your understanding and agreement, please so indicate by signing this letter in the space provided below.

Very truly yours,

EL PASO NATURAL GAS COMPANY

By_____

Agreed to and Accepted:

BOLACK MINERALS COMPANY

By_____

Docket No NM-1265-83

DETERMINATION STATUS BY THE REGIONAL MINERALS SUPERVISOR UNDER THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

A category determination is set forth below pursuant to the provisions of the NGPA for certain federal lease gas as requested in application received on 12/07/83 and filed by Bolack Minerals Company, P.O. Box 268, Farmington, NM 87499

Well Name and No.: Canyon Largo Unit #318 Lease No.:
Sec., T. and R.: 13-24N-6W Well No.:
API No.: 30-039-23263 Block:
Reservoir: Basin Dakota API No.:
Lease No.: SF-080594-A Reservoir:
County and State: Rio Arriba, NM Nearby States:

Category determination requested: Section 103

Recommended category determination: Approved as requested X Negative determination ____ Remarks:

In accordance with the requirements of 18 CFR 274.104, the following information and reference materials will be submitted to the FERC with this final determination:*

1. List of participants including the applicant and all parties submitting comments on the application.
2. A statement on any matter opposed.
3. A copy of the application. Also, a copy of any other materials in the record used in the determination together with any information inconsistent (or possibly inconsistent) with the determination, which includes:
4. All materials required under 18 CFR 274, Subpart B, and all other record materials (and portions of record materials) used in the determination process are enclosed.
5. An explanatory statement summarizing the basis for the determination is enclosed.
6. For a New Onshore Production Well determination involving 18 CFR 271.305(b) or (c), a finding as to the necessity of the well is enclosed.

PRELIMINARY DETERMINATION

In my judgment, a final determination in agreement with this decision will be rendered unless additional comments are received in this office within 21 calendar days which would justify a finding contrary to this preliminary determination.

Signature: (ORIG. SGD.) JAMES W. SHELTON Date: FEB 07 1984

Name and Title: For L. Paul Applegate, District Manager, Albuquerque District Bureau of Land Management, U. S. Department of the Interior

FINAL DETERMINATION

A final jurisdictional agency determination is hereby made that the Federal lease natural gas referred to above does qualify as natural gas produced from a new onshore production well in accordance with the applicable provisions of the NGPA.

Any person may object to this final determination by filing a protest with the FERC within 15 days after this determination is published in the Federal Register by the FERC in accordance with 18 CFR Part 275.

Signature: James W. Shelton Date: MAR 09 1984

Name and Title: For L. Paul Applegate, District Manager, Phone No.: (505) 766-2841

Address: Albuquerque District, Bureau of Land Management, Attn: NGPA
PO Box 6770, Albuquerque, New Mexico 87107

*In the case of a negative determination, only a copy of the negative determination and a copy of Form FERC 121 will be forwarded to FERC. If the applicant or any aggrieved party so requests within 15 days of making such a determination, all information referenced in 1 through 6 will be forwarded within 20 days following the determination to the FERC in accordance with 18 CFR 274.104(b).

SF-079086
SF-080594-
SF-080594
NMA-0057

APPROVAL--CERTIFICATION--DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior under section 17(j) of the Mineral Leasing Act of 1920, as amended (74 Stat. 784; 30 U.S.C. 226(j)), and delegated to the District Manager, Bureau of Land Management, I do hereby:

A. Approve the attached communitization agreement covering the

W½ Sec. 13, T. 24N., R. 6W., N.M.P.M.

Rio Arriba County, NM,

as to dry gas and associated liquid hydrocarbons producible from the Dakota formation(s).

B. Determine that the Federal lease or leases as to the lands committed to the attached agreement cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located, and that consummation and approval of the agreement will be in the public interest.

C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of the Federal lease or leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of the agreement.

Approved: 4-25-84

Gary A. Stephens
for District Manager,
Bureau of Land Management

Effective: 06-01-83

Contract No.: NMA-0057

State of New Mexico

541

JIM BACA
COMMISSIONER

Commissioner of Public Lands

February 6, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

El Paso Natural Gas Co.
P. O. Box 1492
El Paso, Texas 79978

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
1984 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Drilling Program for the Canyon Largo Unit Agreement, Rio Arriba County, New Mexico. Such program provides for the drilling of the unit well nos. 342, 343 and 344 to test the Gallup formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

#541

El Paso NATURAL GAS COMPANY

P. O. BOX 1492
EL PASO, TEXAS 79978

PHONE: 915-543-2600

January 27, 1984

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1984 Drilling Program

Gentlemen:

By letter dated June 23, 1983, El Paso Natural Gas Company, as Unit Operator of the Canyon Largo Unit, filed a Drilling Program covering the subject Unit for the calendar year 1983, providing for the drilling of five (5) Gallup wells and one (1) Dakota well. By letter dated October 20, 1983 the Drilling Program was amended to provide for the drilling of three (3) Gallup wells. El Paso Natural Gas Company, as Unit Operator, has designated Merrion Oil & Gas Corporation as Sub-operator for the purpose of developing certain other acreage within this Unit as to the Tertiary and Gallup formations.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs	
Commercial	172
Non-Commercial	9
Plugged and Abandoned	13
Chacra	
Commercial	27
Non-Commercial	1
Plugged and Abandoned	1

Dual, PC/Chacra	
Commercial	5
Non-Commercial	1
Temporarily Abandoned	1
Mesaverde	
Non-Commercial	2
Dual, MV/Chacra	
Commercial, Chacra (Non-Commercial Mesaverde)	1
Tertiary	
Plugged and Abandoned	1
Gallup	
Commercial	43
Non-Commercial	1
Dual, Gallup/Dakota	
Non-Commercial, Gallup	1
Non-Commercial, Dakota	1
Dakota	
Commercial	27
Non-Commercial	9
	316

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following wells during the calendar year 1984:

Well NO.	Drilling Block	Formation
#342	W/2 Section 20-25N-6W	Gallup
#343	W/2 Section 29-25N-6W	Gallup
#344	W/2 Section 30-25N-6W	Gallup

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

D N Canfield by VLG

D. N. Canfield
Attorney-in-Fact

DNC/VLG/cc
Enclosures
Canyon Largo Unit, 3.0

APPROVED: _____ DATED: _____

Bureau of Land Management
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Bureau of Land Management and
the Oil Conservation Division)

APPROVED: Roy E Johnson DATED: 2-20-84

Oil Conservation Division
(Subject to like approval by the
Bureau of Land Management and
the Commissioner of Public Lands)

The foregoing approvals are for the 1984 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (4)

Atlantic Richfield Company (3)

Iris V. Balbach

Mr. Robert L. Bayless

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Mr. Steven S. Dunn

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Mr. Donald J. Merrion, Jr.

Edna W. Merrion Trusts
No. 1, 2, 3

J. Gregory Merrion

Merrion Petroleum Corporation

Mr. William W. Merrion

Mrs. Ana Gardner Osborn

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Tenneco Oil Company

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

Petro-Lewis Corporation

RICHARD T.C. TULLY, P.A.
LAW OFFICE
3001 NORTHRIDGE DRIVE / SUITE A
P.O. BOX 268 (505) 327-3388
FARMINGTON, NEW MEXICO 87499-0268

December 6, 1983

Assistant District Manager of Minerals
Bureau of Land Management
P.O. Box 6770
Albuquerque, New Mexico 87107

RE: Bolack Minerals Company
Canyon Largo Unit #318 Well
Rio Arriba County, New Mexico

Gentlemen:

Enclosed for approval are two copies of an Application for Determination of NGPA Section 103 price for the above-captioned well.

At such time as the Affidavit of Publication of the required Notice is received, it will be forwarded to your office for filing.

Please sign both copies of this letter in the appropriately marked spaces below. One copy of this letter should be retained in your files, and the other copy should be returned to this office in the enclosed pre-stamped and pre-addressed envelope.

Thank you in advance for your assistance and cooperation in this matter.

Sincerely,

Richard T.C. Tully

RICHARD T.C. TULLY
Agent for Bolack Minerals Company

RTCT:bac
Enclosures

"RECEIVED"
Bureau of Land Management

RECEIVED
Bureau of Land Management
South Central Region (NGPA)
DEC 07 1983
ALBUQUERQUE, NEW MEXICO

By: _____

Title: _____

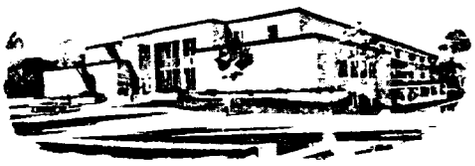
Date: _____

DOCKET NO. 1265-83

RECEIVED DEC 09 1983

State of New Mexico

#541



JIM BACA
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

December 5, 1983

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: Canyon Largo Unit
Second Amendment to 1983 Drilling Program
Rio Arriba County, New Mexico

ATTENTION: Mr. D. N. Canfield

Gentlemen:

This office is in receipt of your second amendment to the 1983 Drilling Program for the Canyon Largo Unit. This office has also been notified by the Bureau of Land Management that the proposed well is to be drilled on acreage outside of the unit boundary so the amendment is not necessary.

Inasmuch as our approval is not needed we are returning your second amendment for the above captioned unit.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827/5744

JB/FOP/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

KEEPING OUR LAND PRODUCTIVE • • • BUILDING NEW MEXICO

EXPERIMENTAL FARM

AGRICULTURAL RESEARCH

B SQUARE RANCH

TOM BOLACK, OWNER
RT. 3 SOUTH, BOX 47
FARMINGTON, NEW MEXICO

November 16, 1983

Richard A. Wilson
Contract Administration
El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

RE: Bolack Minerals Company
Canyon Largo Unit #318 Well
Rio Arriba County, New Mexico

Dear Mr. Wilson:

The above-captioned well has now been drilled and completed in the Dakota Formation. A copy of the Well Completion Report is enclosed for your ready reference.

Pursuant to the terms and conditions of the Canyon Largo Unit Agreement and the Canyon Largo Unit Operating Agreement, El Paso Natural Gas Company ("EPNG") should now take over as Operator of this well. In addition, EPNG as the Unit Operator should dispose of Bolack Minerals Company's share of the gas production from this well as provided for in these same Agreements.

Please advise if you need further information or assistance in this matter.

Sincerely,

Tom Bolack

TOM BOLACK
General Partner
Bolack Minerals Company

TB:lag

Enclosure

State of New Mexico

JIM BACA
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

November 4, 1983

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
First Amendment to 1983 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to your 1983 Drilling Program for the Canyon Largo Unit, Rio Arriba County, New Mexico. Such program provides for the drilling of the unit well nos. 331, 332 and 333 to test the Gallup formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

IN REPLY REFER TO

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
505 Marquette Avenue N.W., Suite 815
P. O. Box 6770
Albuquerque, New Mexico 87107

02 NOV 1983

#541

El Paso Natural Gas Company
Attention: Mr. D. N. Canfield
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

An approved copy of your amended 1983 plan of development for the Canyon Largo unit area, Rio Arriba County, New Mexico is enclosed. Such amended plan proposing to drill three additional Gallup wells, one in E½ section 6, T. 24 N., R. 6 W., and two in section 1, T. 24 N., R. 7 W., N.M.P.M., was approved on this date subject to like approval by the appropriate officials of the state of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

for District Manager

Enclosure

cc:
Comm. of Pub. Lands, Santa Fe
NMOCD, Santa Fe
Farmington RA (w/encl.)

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978

PHONE. 915-541-2000

D. N. CANFIELD VICE PRESIDENT — LAND

October 26, 1983

State Director
Bureau of Land Management
Post Office Box 1449
Santa Fe, New Mexico 87501

Gentlemen:

This letter is written by El Paso Natural Gas Company, Unit Operator of the Canyon Largo Unit to respectfully request that the Director affirm the decision dated October 12, 1983 by the Albuquerque, New Mexico office approving the effective dates of the twelfth through the fifteenth expansions of the Gallup Participating Area as submitted by the Unit Operator.

We believe the second sentence of Section 11, Page 12 beginning at line 4 of the Unit Agreement cited by Mr. Frank D. Gorham, Jr. in his letters of August 30, 1983 and October 18, 1983, can and should be interpreted in a manner that will be consistant with what has been the policy and precedent of Unit Operators and Governmental Agencies in similar situations in literally dozens of units and hundreds of expansions in the past. Quoting such sentence "For the purposes hereof it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission...". "...when so determined by the Unit Operator" can and should be taken to mean the date on which (when) the well was capable as such date was determined to be, not the date when such determination was made. Clearly the date of physical capability of a well is and should be of absolute importance. The mailing of the notice to the regulatory agencies "...when such notice of determination shall have been delivered..." merely requires the operator to give formal notification of his determination to such agencies and once such notice is given then the date the well became capable, as determined by the Unit Operator, is given effect to.

To adopt the interpretation urged by Mr. Gorham would place the Unit Operator in an intolerable position everytime a well was completed outside the participating area. He must choose between making an immediate decision, sometimes based on insufficient evidence, that the well is commercial or taking a prudent course and assembling additional engineering data to properly determine if the well is commercial. If he elects the prudent course in order to be sure of the well's commerciality (and this turns out to be the case) the owners of the drilling block will be unjustly enriched (and the participating interest owners unjustly penalized) by receiving all production during the determination period.

These potential inequities can, and would, arise when an operator is functioning perfectly. They would also arise anytime an operator for whatever reason, or for no reason, with or without fault, is slow or is delayed in filing an expansion.

We believe the weight of past precedent, and the inequities that would result from departing therefrom justify that the aforesaid District Office opinion of October 12, 1983 be upheld and we respectfully submit these observations in support thereof.

Very truly yours,

EL PASO EXPLORATION COMPANY

D. N. Canfield
Vice President

DNC:JRP:dml

cc: District Office
Bureau of Land Management
Commissioner of Public Lands
Oil Conservation Division
Merrion & Bayless

El Paso NATURAL GAS COMPANY

P. O. BOX 1492
EL PASO, TEXAS 79978

PHONE: 915-543-2600

October 20, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
First Amendment to 1983 Drilling Program

Gentlemen:

The 1983 Drilling Program for the Canyon Largo Unit which was submitted to you by our letter of June 23, 1983 has been approved.

Subsequent to the submittal of said letter of June 23, 1983, three additional wells have been proposed by Merrion Oil & Gas Corp., Sub-Operator in the Unit. El Paso Natural Gas Company, as Unit Operator, has designated the above as Agent for the purpose of developing certain other acreage within this Unit as to the Gallup formation during 1983. The additional wells proposed to be drilled are:

Well NO.	Drilling Block	Formation
#331	E/2 Sec. 6-24N-6W	Gallup
#332	E/2 Sec. 1-24N-7W	Gallup
#333	W/2 Sec. 1-24N-7W	Gallup

All necessary working interest owners have been contacted and these additions to the Drilling Program reflects their desires. If this amendment to the Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

EL PASO NATURAL GAS COMPANY

D. N. Canfield

D. N. Canfield
Attorney-in-Fact

DNC/VLG/cc
Attachments
Canyon Largo Unit, 3.0

APPROVED: _____ DATED: _____

Minerals Management Service
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Minerals Management Service and
the Oil Conservation Division)

APPROVED: Roy E Johnson DATED: 10-27-83

Oil Conservation Division
(Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands)

The foregoing approvals are for the First Amendment to the 1983 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (4)

Atlantic Richfield Company (3)

Iris V. Balbach

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Edna W. Merrion Trusts
No. 1, 2, 3

Merrion Oil & Gas Corporation

Mrs. Ana Gardner Osborn

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Tenneco Oil Company

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

PWG PARTNERSHIP
Post Office Box 451
Albuquerque, New Mexico 87103

Frank D. Gorham, Jr.
Managing Partner

Telephone
(505) 843 6149

October 18, 1983

State Director
Bureau of Land Management
Post Office Box 1449
Santa Fe, New Mexico 87501

Re: Request for Technical and Procedural Review
Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
TWELFTH, THIRTEENTH, FOURTEENTH AND FIFTEENTH EXPANDED PARTICIPATING AREAS Effective August 1, 1982, September 1, 1982, November 1, 1982 and December 1, 1982, Gallup Formation

Gentlemen:

On August 30, 1983, PWG Partnership, a working interest owner in the Canyon Largo Unit, protested to the District Manager of the Bureau of Land Management in Albuquerque, New Mexico, with respect to the proposed Effective Dates of the Twelfth, Thirteenth, Fourteenth, and Fifteenth Expansions of the Participating Areas for the Gallup formation in the Canyon Largo Unit as determined by El Paso Exploration Company, the Unit Operator. By letter from the District Director of the Bureau of Land Management dated October 12, 1983, our protest has been denied in favor of the dates selected by the Unit Operator, which in each case coincides with the first day of the month following the month in which the well was "tested".

We respectfully wish to appeal the decision by your District Office, which appears to be an arbitrary affirmance of a misconstruction of the explicit terms of the Unit Agreement by the Unit Operator. To paraphrase the District Manager's rejection of our protest we do not feel that it is within the province of either the Unit Operator or the Bureau to arbitrarily conclude what is in the "best interest of the unit" at this point in time. What was in the "best interest of the unit" was established by the signatories to the Unit Agreement upon its execution on July 22, 1952. This execution is not to be so summarily disregarded.

Reference is again made to the Canyon Largo Unit Agreement, Section 11, page 12, beginning with line 4 as follows:

"Additional drilling blocks, subject to any limitation elsewhere in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such drilling block, and the percentage of allocation shall be revised accordingly, in which event all of the production prior to the effective date of admission of such drilling block to the participating area shall be credited solely to the account of that particular block. For the purposes hereof it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission. . ."

In the opinion of PWG Partnership, the relevant provisions of the Unit Agreement are unequivocably certain as to the correct effective date of the Twelfth through the Fifteenth Expansions of the Gallup formation Participating Area, namely, August 22, 1983, the date of the notice. Accordingly, all Gallup formation production from the wells causing the Participating Area Expansions properly should be credited solely to the working interest and royalty owners of the subject drilling blocks from the date of first production to the effective date of August 22, 1983.

It is respectfully requested that the decision of the District Manager of the Bureau of Land Management be reversed and that El Paso Exploration Company, the Canyon Largo Unit Operator, be required to amend their letter of notification of August 22, 1983, to show that the effective dates of the Twelfth through the Fifteenth Expanded Participating Areas (Gallup formation) occurred on August 22, 1983, and not retroactive to the dates used by El Paso and that the Unit Operator cause all of the proceeds from the sale of production of the subject wells prior to the effective date be credited solely to the account of each particular drilling block.

Please be advised that the matter in question involves a substantial amount of oil production which will be credited differently, both as to amount and ownership, dependent upon a final decision. PWG Partnership has no additional information to provide other than that which was supplied to your District Office in our letter of August 30, 1983, since no technical information is involved. The matter is merely a straight forward reading of the precise terms of the Unit Agreement which leaves no room for any other reasonable conclusion.

In closing, may we reiterate that in the opinion of PWG Partnership the contractual terms of the Unit Agreement are quite clear and that the effective dates of the Expanded Participating Areas should be August 22, 1983, the date of notice by El Paso as required by the Unit Agreement.

Very truly yours,

Frank D. Gorham, Jr.
Managing Partner

Enclosures
Notice of Determination by Unit Operator
PWG Letter of Protest
Reply by District Office, Bureau of Land Mangement
Page 12, Canyon Largo Unit Agreement

CC: District Office
Bureau of Land Management
South Central Region
505 Marquette Avenue, N. W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

El Paso Exploration Company
Post Office Box 1492
El Paso, Texas 79978
Attention: Mr. James R. Permenter
Director, Land Administration
Land Department

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
505 Marquette Avenue N.W., Suite 815
Albuquerque, New Mexico 87102

Canyon Largo Unit

IN REPLY
REFER TO:

12 OCT 1983

PWG Partnership
Attention: Mr. Frank D. Gorham, Jr.
P. O. Box 451
Albuquerque, New Mexico 87103

Gentlemen:

We have received your letter of August 30, 1983, protesting the choice of the effective dates for the twelfth through fifteenth revisions of the Gallup Participating Area in the Canyon Largo Unit. The revisions will be effective as of the dates requested by the unit operator in the application.

We feel that it is in the best interest of the unit to use the first of the month following the month in which the well was tested as the effective date of the revision. By using this date the unit will always benefit from all of the production from every well within the participating area. This method allows for consistency in selecting the effective date of the revisions and assures that the unit will benefit in the long term rather than individual tracts benefiting for short terms.

Sincerely yours,

James W. Shelton
for District Manager

cc:
El Paso Exploration Co.
Attn: James Parmenter
P. O. Box 1492
El Paso, Texas 79978

Cliffs formation shall be regarded as producing from a single zone or pool and all wells completed for production in the Mesaverde group shall be regarded as producing from a single zone or pool. Additional Drilling Blocks, subject to any limitations elsewhere set out in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such Drilling Block, and the percentage of allocation shall be revised accordingly, in which event all of the production prior to the effective date of admission of such Drilling Block to the participating area shall be credited solely to the account of that particular block. For the purposes hereof, it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, which notice includes the data upon which the determination is based and identifies the Drilling Block upon which the well is located, subject to the right of any interested party to protest in writing against said determination to the Unit Operator, the Director, the Commissioner and the Commission within 15 days thereafter, however, in any event, such determination shall become effective within 30 days from the date thereof unless disapproved within said 30-day period by the Director, the Commissioner or the Commission. In the event such determination is not upheld and changed conditions subsequently warrant, a new determination based on new showing and a new effective date may be submitted and processed in the same manner as aforesaid. No land shall be excluded from a participating area on account of depletion of the unitized substances.

In the event that any Drilling Block is admitted to a participating area as hereinabove provided when it lies directly north, south, east, or west of any Drilling Block already included in said participating area, and where there is one, but only one intervening

IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
505 Marquette Avenue N.W., Suite 815
P. O. Box 6770
Albuquerque, New Mexico 87107

Canyon Largo Unit

RECEIVED
OCT 31 1983
OIL CONSERVATION DIVISION
SANTA FE

El Paso Exploration Company
Attention: Mr. James R. Parmenter
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

Enclosed are three copies of the sixteenth revision to the Gallup participating area and notice of completion of an additional well in the Gallup Formation, Canyon Largo Unit, Rio Arriba County, New Mexico. The revision and notice are hereby accepted for record on this date. The sixteenth revision will be effective as of June 1, 1983.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

for District Manager

Enclosures (3)

cc:
NMOCD, Santa Fe
Farmington RA (w/cy)
Comm. of Pub. Lands, Santa Fe
AOD-PAB-LAC, Denver (w/schedule)

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
505 Marquette Avenue N.W., Suite 815
Albuquerque, New Mexico 87102

Canyon Largo Unit

IN REPLY
REFER TO:

12 OCT 1983

RECEIVED
OCT 13 1983
OIL CONSERVATION DIVISION
SANTA FE

El Paso Exploration Company
Attention: Mr. James R. Permenter
P. O. Box 1492
El Paso, Texas 79978

Gentlemen:

Enclosed are three copies of the twelfth, thirteenth, fourteenth, and fifteenth revisions to the Gallup Participating Area, Canyon Largo Unit, Rio Arriba County, New Mexico. The revisions are hereby accepted for record on this date. The twelfth revision will be effective as of August 1, 1982; the thirteenth revision will be effective as of September 1, 1982; the fourteenth revision will be effective as of November 1, 1981; and the fifteenth revision will be effective as of December 1, 1982.

Sincerely yours,

for District Manager

cc:
Farmington RA
NMOCD, Santa Fe
Comm. of Public Lands, Santa Fe
AOD-PAB-LAC, Denver (w/schedules)

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978

PHONE: 915-541-2600

October 5, 1983

Mr. Roy E. Johnson
P. O. Box 2088
State Land Office Building
Santa Fe, NM 87501

Dear Mr. Johnson:

We have heard nothing from the Bureau of Land Management nor from PWG Partnership since PWG protested the recent Canyon Largo expansions.

Very truly yours,

James R. Permenter
Director, Land Administration
Land Department

JRP:dml

Canyon Largo 5.0

cc: Mr. Van Goebel

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

September 30, 1983

El Paso Exploration Co.
P.O. Box 1492
El Paso, Texas 79978

Attn: James Permenter

Re: Canyon Largo Unit
Twelfth through
Sixteenth Expanded
Participating Area

Dear Mr. Permenter:

This office has received letters from PWG Partnership of Albuquerque, New Mexico, protesting the above referenced applications.

Please advise this office of any correspondence and settlements that have been reached.

Sincerely,

Roy E. Johnson

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

cc: PWG Partnership
State Land Office
Bureau of Land Management

PWG PARTNERSHIP
Post Office Box 451
Albuquerque, New Mexico 87103

Frank D. Gorham, Jr
Managing Partner

Telephone
(505) 843 6149

September 20, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N. W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

El Paso Exploration Company
Post Office Box 1492
El Paso, Texas 79978
Attention: Mr. James R. Permenter
Director, Land Administration
Land Department

Gentlemen:

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
SIXTEENTH EXPANDED PARTICIPATING AREA
Effective June 1, 1983, Gallup Formation

PWG Partnership, a working interest owner in the Canyon Largo Unit, hereby protests the findings of the unit operator (El Paso Exploration Company) in their letter of September 16, 1983, pertaining to, and only pertaining to, the effective date of the Sixteenth Expanded Participating Area of the Gallup formation in the Canyon Largo Unit.

The unit operator has chosen to use as the effective date of the proposed expansion that date which is the first of the month following the date of first production. The Canyon Largo Unit Agreement, however, specifically states pursuant to Section 11, page 12, beginning with line 4 as follows:

> "Additional drilling blocks, subject to any limitation elsewhere in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such drilling block, and the percentage of allocation shall be revised accordingly, in which event all of the production prior to the effective date of admission of such drilling block to the participating area shall be credited solely to the account of that particular block. For the purposes hereof it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, . . ."

In the opinion of PWG Partnership, the unit agreement as cited above is perfectly clear as to the correct effective date of the Sixteenth Expansion of the Gallup formation participating area, namely, September 16, 1983, the date of the notice and that all Gallup formation production from the well causing the participating area expansion should be credited solely to the owners of the subject drilling block.

It is respectfully requested that El Paso Exploration Company, the Canyon Largo unit operator, be required to amend their letter of notification of September 16, 1983, to show that the effective date of the Fifteenth Expanded Participating Area (Gallup formation) occurred on September 16, 1983, and not retroactive as submitted and that they cause all of the production of the subject well prior to the effective date to be credited solely to the account of the particular drilling block.

Very truly yours,

Frank D. Gorham, Jr.
Managing Partner
PWG Partnership

FDGJr:t

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978

PHONE: 915-541-2600

September 16, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
SIXTEENTH EXPANDED PARTICIPATING AREA
Effective June 1, 1983, Gallup Formation
NOTICE OF COMPLETION OF ADDITIONAL WELL
Gallup Formation

Gentlemen:

Pursuant to Section 11 of the Canyon Largo Unit Agreement, #14-08-001-1059, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Gallup Formation and that the Participating Area for the Gallup Formation is expanded accordingly as follows:

SIXTEENTH EXPANDED PARTICIPATING AREA - Effective June 1, 1983

Drilling Block	Acres	Well NO.
E/2 Sec. 32; T-25-N, R-6-W	320.00	#321

The Canyon Largo Unit #321 Well was completed on May 2, 1983. The Gallup Formation was tested on May 3, 1983. On a twenty-four (24) hour flowing test on May 3, 1983, the well produced 428 BOPD and 840 MCF/D through a 3/4" choke. The spacing unit for this well is described as the E/2 of Section 32, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

NOTICE OF COMPLETION OF ADDITIONAL WELL

One (1) additional well capable of producing unitized substances from the Gallup formation has been completed upon acreage already committed to the Gallup Participating Area. The acreage dedicated to the #317 Well was brought into the participating area by the Fourteenth Expansion. This well is as follows:

The Canyon Largo Unit #317 Well was completed on June 7, 1983. The Gallup Formation was tested on June 7, 1983. On a twenty-four (24) hour flowing test on June 7, 1983, the well produced 166 BOPD and 320 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 21, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

In as much as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made therefore, and in the absence of disapproval, the Sixteenth Expanded Participating Area for the Gallup Formation will become effective as of June 1, 1983.

Attached hereto is Schedule XVII showing the Sixteenth Expanded Participating Area for the Gallup Formation of the Canyon Largo Unit. This Schedule describes the Participating Areas and shows the percentage of unitized substances allocated to the unitized tracts and the exact breakdown of the percentage allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

James R. Permenter

James R. Permenter
Director, Land Administration
Land Department

JRP/VLG:cc
Enclosures
Canyon Largo Unit, 4.4

cc: Mr. Antonio Martinez, Executive Director
New Mexico Oil & Gas Accounting Commission

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (4)

Atlantic Richfield Company (3)

Iris V. Balbach, Administratix of
Estate of Loren Wilcox

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Estate of Hugh McMillan

Mrs. Merle McMillan

Edna W. Merrion Trusts
No. 1, 2, 3

Merrion Oil & Gas Corporation

Mrs. Ana Gardner Osborn

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Sims Oil Company

Tenneco Oil Company

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

RIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
			TRACT 12			
F 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				4.655974%
			Royalty	12.50%	12.50%	
			Working Interest			
			Getty Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				27.339882
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
F 078875	T-25-N, R-6-W Sec. 33: All	640.00				9.31194
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				27.93584
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 079886	T-24-N, R-6-W Sec. 17: All	640.00				9.31194
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		

Effective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				1.65650
	Sec. 3: Lots 1, 2, 3, 4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1, 2, 3, 4		Working Interest *	78.75%	78.75%	
	Sec. 5: Lots 1, 2		ORRI	8.75%	8.75%	
	Sec. 6: Lots 3, 4		TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36			
SF 079071-B	T-25-N, R-6-W	160.00				2.327987%
	Sec. 28: NW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	76.56%	76.56%	
			ORRI	10.94%	10.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #319 well PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	38.28
PWG Partnership	38.28
	76.56

Effective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36-A			
SF 079071	T-25-N, R-6-W Sec. 21: S/2 SE/4, W/2 Sec. 28: NE/4	560.00	Royalty	12.50%	12.50%	8.14795
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313, #314, #316 and #317 Wells PWG Partnership will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 35.78% PWG Partnership 35.78% 71.56%		
			TRACT 37			0.581997
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00	Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 40.75% A.G. Hill 40.75% 81.50%		

Effective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37 CONTINUED			
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.745991%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	
			TRACT 37-A			2.327987%
SF 079071-A	T-25-N, R-6-W Sec. 28: SW/4	160.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

RIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			TRACT 55			
-291-37	T-25-N, R-6-W Sec. 32: E/2	320.00	Royalty;	12.50%	12.50%	4.655975%
			Working Interest:			
			*Merrion Oil & Gas Corporation	87.50%	87.50%	
			ORRI;	0.00%	0.00%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from the Wiser Oil Co. after Payout of the #321 well the Wiser Oil Co. will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	43.75%
The Wiser Oil Co.	43.75%

Effective June 1, 1983

SCHEDULE XVII
SIXTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 11: All
Section 17: All
Section 15: W/2
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4, W/2
Section 32: E/2
Section 33: All

Total Number of Acres in Participating Area: 6,872.89
Total Number of Acres Committed to Participating Area: 6,872.89

Effective June 1, 1983

PWG PARTNERSHIP
Post Office Box 451
Albuquerque, New Mexico 87103

Frank D. Gorham, Jr
Managing Partner

Telephone
(505) 843-6449

RECEIVED
OCT 20 1983
OIL CONSERVATION DIVISION
SANTA FE

August 30, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N. W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

El Paso Exploration Company
Post Office Box 1492
El Paso, Texas 79978
Attention: Mr. James R. Permenter
Director, Land Administration
Land Department

RECEIVED
Bureau of Land Management
South Central Region (NGPA)
SEP 06 1983
ALBUQUERQUE, NEW MEXICO

Sue
SE Umable
76-6-2841

Gentlemen:

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico
TWELFTH, THIRTEENTH, FOURTEENTH AND FIFTEENTH
EXPANDED PARTICIPATING AREAS Effective August 1, 1982,
September 1, 1982, November 1, 1982, and
December 1, 1982, Gallup Formation

PWG Partnership, a working interest owner in the Canyon Largo Unit, hereby protests the findings of the unit operator (El Paso Exploration Company) in their letter of August 22, 1983, pertaining to, and only pertaining to, to the effective dates of the Twelfth, Thirteenth, Fourteenth, and Fifteenth Expanded Participating Areas of the Gallup formation in the Canyon Largo Unit.

The unit operator has chosen in each case to use as effective dates of the proposed expansions that date which is the

the first of the month following the date of first production. The Canyon Largo Unit Agreement, however, specifically states pursuant to Section 11, page 12, beginning with line 4 as follows:

> "Additional drilling blocks, subject to any limitation elsewhere in this agreement, shall be admitted to the participating area on the first day of the month following the month in which it has been established that a well capable of production of unitized substances in paying quantities has been drilled on any such drilling block, and the percentage of allocation shall be revised accordingly, in which event all of the production prior to the effective date of admission of such drilling block to the participating area shall be credited solely to the account of that particular block. For the purposes hereof it shall be deemed that the capability of a well to produce unitized substances in paying quantities has been established when so determined by the Unit Operator and when notice of such determination shall have been delivered to the Supervisor, the Commissioner and the Commission, . . ."

In the opinion of PWG Partnership, the unit agreement as cited above is perfectly clear as to the correct effective date of the Twelfth through the Fifteenth Expansions of the Gallup formation participating area, namely, August 22, 1983, the date of the notice and that all Gallup formation production from the wells causing the participating area expansions should be credited solely to the owners of the subject drilling blocks.

It is respectfully requested that El Paso Exploration Company, the Canyon Largo unit operator, be required to amend their letter of notification of August 22, 1983, to show that the effective dates of the Twelfth through the Fifteenth Expanded Participating Areas (Gallup formation) occurred on August 22, 1983, and not retroactive as submitted and that they cause all of the

production of the subject wells prior to the effective date to be credited solely to the account of each particular drilling block.

Very truly yours,

Frank D. Gorham, Jr.
Managing Partner
PWG Partnership

FDGJr:t

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

August 22, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit, #14-08-001-1059
Rio Arriba County, New Mexico 5-27-81 3-17-82
TWELFTH, THIRTEENTH, FOURTEENTH and FIFTEENTH
EXPANDED PARTICIPATING AREAS Effective August 1, 1982,
September 1, 1982, November 1, 1982, and
December 1, 1982, Gallup Formation

Gentlemen:

Pursuant to Section 11 of the Canyon Largo Unit Agreement, #14-08-001-1059, approved September 18, 1953, El Paso Natural Gas Company, as Unit Operator, determined on the date indicated below that the below listed wells are capable of producing unitized substances in paying quantities from the Gallup Formation and that the Participating Area for the Gallup Formation is expanded accordingly as follows:

TWELFTH EXPANDED PARTICIPATING AREA - Effective August 1, 1982

Drilling Block	Acres	Well No.
SW/4 SW/4 Sec. 22, T-25-N, R-6-W (only acreage committed to unit)	40.00	Gonzales Com. 1#

THIRTEENTH EXPANDED PARTICIPATING AREA - Effective September 1, 1982

Drilling Block	Acres	Well No.
S/2 SE/4 Sec. 21, T-25-N, R-6-W (only acreage committed to unit)	80.00	#314
N/2 NW/4, SW/4 NW/4 Sec. 27, T-25-N, R-6-W (only acreage committed to unit)	120.00	Fikes Com. #2

5-27-83

FOURTEENTH EXPANDED PARTICIPATING AREA - Effective November 1, 1982

Drilling Block	Acres	Well No.
W/2 Sec. 21, T-25-N, R-6-W	320.00	#316

FIFTEENTH EXPANDED PARTICIPATING AREA - Effective December 1, 1982

Drilling Block	Acres	Well No.
W/2 Sec. 28, T-25-N, R-6-W	320.00	#319
W/2 Sec. 33, T-25-N, R-6-W	320.00	Intervening Drilling Block

The Gonzales Com. #1 Well was completed on July 21, 1982. The Gallup Formation was tested on July 21, 1982. On a twenty-four (24) hour flowing test on July 21, 1982, the well produced 120 BOPD and 280 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 22, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #314 Well was completed on August 10, 1982. The Gallup Formation was tested on August 11, 1982. On a twenty-four (24) hour flowing test on August 11, 1982, the well produced 371 BOPD and 965 MCF/D through a 20/64" choke. The spacing unit for this well is described as the E/2 of Section 21, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Fikes Com. #2 Well was completed on August 25, 1982. The Gallup Formation wast tested on August 24, 1982. On an eighteen (18) hour flowing test on August 24, 1982, the well produced 148 BOPD and 250 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 27, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #316 Well was completed on October 4, 1982. The Gallup Formation was tested on October 4, 1982. On a twenty-four (24) hour flowing test on October 4, 1982, the well produced 235 BOPD and 503 MCF/D through a 3/4" choke. The spacing unit is described as the W/2 of Section 21, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

The Canyon Largo Unit #319 Well was completed on November 3, 1982. The Gallup Formation was tested on November 3, 1982. On a five (5) hour flowing test on November 3, 1982, the well produced 150 BOPD and 180 MCF/D through a 3/4" choke. The spacing unit for this well is described as the W/2 of Section 28, Township 25 North, Range 6 West, N.M.P.M., containing 320.00 acres.

In as much as this needs no official approval, pursuant to the terms of Section 11, Paragraph 2 of the Canyon Largo Unit Agreement, no provision is made therefore, and in the absence of disapproval, the Twelfth, Thirteenth, Fourteenth and Fifteenth Expanding Participating Areas for the Gallup Formation will become effective as of August 1, 1982, September 1, 1982, November 1, 1982, and December 1, 1982.

Attached hereto are Schedules XIII, XIV, XV and XVI showing the Twelfth, Thirteenth, Fourteenth, and Fifteenth Expanded Participating Areas for the Gallup Formation of the Canyon Largo Unit. This Schedule describes the Participating Areas shows the percentage of unitized substances allocated to the unitized tracts and the exact breakdown of the percentage allocated to the tracts according to the ownership within the tracts.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

James R. Permenter
Director, Land Administration
Land Department VLG

JRP/VLG:lgm
Enclosures
Canyon Largo Unit, 4.4

cc: Mr. Antonio Martinez, Executive Director
New Mexico Oil & Gas Accounting Commission

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (4)

Atlantic Richfield Company (3)

Iris V. Balbach, Administratix of
Estate of Loren Wilcox

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company

Estate of Hugh McMillan

Mrs. Merle McMillan

Edna W. Merrion Trusts
No. 1, 2, 3

Merrion Oil & Gas Corporation

Mrs. Ana Gardner Osborn

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Tenneco Oil Company

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				5.933739%
			Royalty	12.50%	12.50%	
			Working Interest			
			Skelly Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				34.842914%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: E/2	320.00				5.933739%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				35.602432%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 079886	T-24-N, R-6-W Sec. 17: All	640.00				11.867477%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective August 1, 1982

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				2.111113%
	Sec. 3: Lots 1, 2, 3, 4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1, 2, 3, 4		Working Interest			
	Sec. 5: Lots 1, 2		*	78.75%	78.75%	
	Sec. 6: Lots 3, 4		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W	160.00				2.966869%
	Sec. 28: NE/4		Royalty	12.50%	12.50%	
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 Well PWG Partnership will back-in for a 50% working interest.	After Payout Working Interest		
				Merrion Oil & Gas Corp.	35.78%	
				PWG Partnership	35.78%	
					.71.56%	

Effective August 1, 1982

SCHEDULE XIII
TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			0.741717%
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00				
			Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	40.75%
A.G. Hill	40.75%
	81.50%

Effective August 1, 1982

SCHEDULE XIII

TWELFTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 11: All
Section 17: All
Section 15: W/2
Township 25 North, Range 6 West, N.M.P.M.
Section 22: SW/4 SW/4
Section 28: NE/4
Section 33: E/2

Total Number of Acres in Participating Area: 5,392.89
Total Number of Acres Committed to Participating Area: 5,392.89

Effective August 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				5.721550%
			Royalty	12.50%	12.50%	
			Working Interest			
			Skelly Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				33.596942%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: E/2	320.00				5.721550%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

Effective September 1, 1982

UNIT AREA EXPANSION SCHEDULE – SAN JUAN BASIN
Form 21-71 (2-72)

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMM'TTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W Sec. 8: All Sec. 9: All Sec. 11: All	1,920.00				34.329300%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 079886	T-24-N, R-6-W Sec. 17: All	640.00				11.443100%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective September 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				2.035620%
	Sec. 3: Lots 1, 2, 3, 4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1, 2, 3, 4		Working Interest *	78.75%	78.75%	
	Sec. 5: Lots 1, 2		ORRI	8.75%	8.75%	
	Sec. 6: Lots 3, 4		TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W	240.00				4.291163%
	Sec. 21: S/2SE/4		Royalty	12.50%	12.50%	
	Sec. 28: NE/4		Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 and #314 Wells PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	35.78%
PWG Partnership	35.78%
	71.56%

Effective September 1, 1982

SCHEDULE XIV
THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			0.715194%
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00	Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest		
			Merrion Oil & Gas Corp.	40.75%		
			A.G. Hill	40.75%		
				81.50%		
			TRACT 37 CONTINUED			2.145581%
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective September 1, 1982

SCHEDULE XIV

THIRTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 11: All
Section 17: All
Section 15: W/2
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4
Section 33: E/2

Total Number of Acres in Participating Area: 5,592.89
Total Number of Acres Committed to Participating Area: 5,592.89

Effective September 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				5.411905%
			Royalty	12.50%	12.50%	
			Working Interest			
			Skelly Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				31.778707%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: E/2	320.00				5.411905%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W	1,920.00				32.471431%
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 079886	T-24-N, R-6-W	640.00				10.823811%
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				1.925454%
	Sec. 3: Lots 1, 2, 3, 4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1, 2, 3, 4		Working Interest			
	Sec. 5: Lots 1, 2		*	78.75%	78.75%	
	Sec. 6: Lots 3, 4		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36-A			
SF 079071	T-25-N, R-6-W	560.00				9.470834%
	Sec. 21: S/2 SE/4, W/2		Royalty	12.50%	12.50%	
	Sec. 28: NE/4		Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 and #314 and #316 Wells PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	35.78%
PWG Partnership	35.78%
	71.56%

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37			0.676489%
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00	Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest		
			Merrion Oil & Gas Corp.	40.75%		
			A.G. Hill	40.75%		
				81.50%		
			TRACT 37 CONTINUED			2.029464%
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective November 1, 1982

SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 11: All
Section 17: All
Section 15: W/2
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4
Section 33: E/2

Total Number of Acres in Participating Area: 5,912.89
Total Number of Acres Committed to Participating Area: 5,912.89

Effective November 1, 1982

SCHEDULE XVI

FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 12			
SF 078628-A	T-24-N, R-6-W Sec. 15: W/2	320.00				4.883342%
			Royalty	12.50%	12.50%	
			Working Interest			
			Skelly Oil Co.	85.00%	85.00%	
			ORRI	2.50%	2.50%	
			TOTAL	100.00%	100.00%	
			TRACT 16			
SF 078874	T-24-N, R-6-W Sec. 3: Lots 5-12, W/2 SW/4, SE/4 SW/4, SE/4 Sec. 4: Lots 5-12, SE/4, SW/4 Sec. 5: Lots 7, 8, 9, 10, SE/4 Sec. 6: Lots 5, 6, 11, 12, 13, 14, E/2 SW/4	1,879.04				28.674982%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 17			
SF 078875	T-25-N, R-6-W Sec. 33: All	640.00				9.766683%
			Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Oil Rights:			
			El Paso Exploration Company	(78.75%)		
			Gas Rights:			
			El Paso Natural Gas Company	(78.75%)		

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 19			
SF 078877	T-24-N, R-6-W	1,920.00				29.300048%
	Sec. 8: All		Royalty	12.50%	12.50%	
	Sec. 9: All		Working Interest *	78.75%	78.75%	
	Sec. 11: All		ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 28			
SF 079886	T-24-N, R-6-W	640.00				9.766683%
	Sec. 17: All		Royalty	12.50%	12.50%	
			Working Interest *	78.75%	78.75%	
			ORRI	8.75%	8.75%	
			TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate:			
			El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas:			
			Merrion Oil & Gas Corp.)	(78.75%)		

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 32			
SF 078957	T-24-N, R-6-W	113.85				1.737401%
	Sec. 3: Lots 1, 2, 3, 4		Royalty	12.50%	12.50%	
	Sec. 4: Lots 1, 2, 3, 4		Working Interest *	78.75%	78.75%	
	Sec. 5: Lots 1, 2		ORRI	8.75%	8.75%	
	Sec. 6: Lots 3, 4		TOTAL	100.00%	100.00%	
			*(Working Interest Gas & Condensate: El Paso Natural Gas Company	(78.75%)		
			Oil & Casinghead Gas: Merrion Oil & Gas Corp.)	(78.75%)		
			TRACT 36			
SF 079071-B	T-25-N, R-6-W	160.00				2.441671%
	Sec. 28: NW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	76.56%	76.56%	
			ORRI	10.94%	10.94%	
			TOTAL	100.00%	100.00%	

*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #319 well PWG Partnership will backin for a 50% working interest.

After Payout Working Interest	
Merrion Oil & Gas Corp.	38.28%
PWG Partnership	38.28%
	76.56%

Effective December 1, 1983

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 36-A			
SF 079071	T-25-N, R-6-W Sec. 21: S/2 SE/4, W/2 Sec. 28: NE/4	560.00	Royalty	12.50%	12.50%	8.545848%
			Working Interest			
			*Merrion Oil & Gas Corp.	71.56%	71.56%	
			ORRI	15.94%	15.94%	
			TOTAL	100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from PWG Partnership. After Payout of the #313 and #314 and #316 Wells PWG Partnership will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 35.78% PWG Partnership 35.78% 71.56%		
			TRACT 37			0.610418%
SF 079071-A	T-25-N, R-6-W Sec. 22: SW/4 SW/4	40.00	Royalty:	12.50%	12.50%	
			Working Interest:			
			*Merrion Oil & Gas Corp.	81.50%	81.50%	
			ORRI;	6.00%	6.00%	
				100.00%	100.00%	
			*Merrion Oil & Gas Corp. has taken a Farmout from A.G. Hill. After payout of the Gonzales Com. #1 Well A.G. Hill will backin for a 50% working interest.	After Payout Working Interest Merrion Oil & Gas Corp. 40.75% A.G. Hill 40.75% 81.50%		

Effective December 1, 1982

SCHEDULE XVI

FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			TRACT 37 CONTINUED			
SF 079071-A	T-25-N, R-6-W Sec. 27: N/2 NW/4, SW/4 NW/4	120.00	Royalty;	12.50%	12.50%	1.831253%
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	
			TRACT 37-A			2.441671%
SF 079071-A	T-25-N, R-6-W Sec. 28: SW/4	160.00	Royalty;	12.50%	12.50%	
			Working Interest:			
			Sims Oil Company	12.65%	12.65%	
			Leland Fikes Foundation Incorp.	2.11%	2.11%	
			Katherine Fikes	2.11%	2.11%	
			Greg Merrion	16.88%	16.88%	
			Robert Bayless	25.31%	25.31%	
			Merrion Petroleum Corp.	8.44%	8.44%	
			ORRI	20.00%	20.00%	
			TOTAL	100.00%	100.00%	

Effective December 1, 1982

SCHEDULE XVI
FIFTEENTH EXPANDED PARTICIPATING AREA FOR THE GALLUP FORMATION
CANYON LARGO UNIT AREA

SERIAL NUMBER	DESCRIPTION	NUMBER OF ACRES	DRILLING BLOCK		PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
			OWNERSHIP	PERCENTAGE		

RECAPITULATION

Township 24 North, Range 6 West
Section 3: NW/4, W/2 SW/4, SE/4 SW/4, E/2
Section 4: All
Section 5: E/2
Section 6: W/2
Section 8: All
Section 9: All
Section 11: All
Section 17: All
Section 15: W/2
Township 25 North, Range 6 West, N.M.P.M.
Section 21: S/2 SE/4, W/2
Section 22: SW/4 SW/4
Section 27: N/2 NW/4, SW/4 NW/4
Section 28: NE/4, W/2
Section 33: All

Total Number of Acres in Participating Area: 6,552.89
Total Number of Acres Committed to Participating Area: 6,552.89

Effective December 1, 1982

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

July 25, 1983

#541

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1983 Drilling Program

Gentlemen:

The 1983 Drilling Program for the Canyon Largo Unit was approved by the regulatory bodies on the dates indicated:

Bureau of Land Management	7-7-83
Commissioner of Public Lands	7-8-83
Oil Conservation Commission	7-8-83

Copies of this letter are being sent to the working interest owners of the above unit.

Very truly yours,

Van L. Goebel
Landman
Land Department

VLG:cc
Canyon Largo Unit, 3.0

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (4)

Atlantic Richfield Company (3)

Iris V. Balbach, Administratix of
Estate of Loren Wilcox

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company

Estate of Hugh McMillan

Mrs. Merle McMillan

Edna W. Merrion Trusts
No. 1, 2, 3

Merrion Oil & Gas Corporation

Mrs. Ana Gardner Osborn

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Tenneco Oil Company

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

July 12, 1983

El Paso Natural Gas Co.
P.O. Box 1492
El Paso, Texas 79978

Attention: D. N. Canfield

Re: Unit Agreements
Northwest New Mexico

Dear Mr. Canfield:

Enclosed please find the approved copies of the material referenced above. Such approval is contingent upon like approval by the Commissioner of Public Lands and the United States Minerals Management Service.

Sincerely,

ROY E. JOHNSON
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Minerals Management Service - Albuquerque
OCD District Office - Aztec

State of New Mexico

Commissioner of Public Lands

JIM BACA
COMMISSIONER

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

July 8, 1983

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Re: Canyon Largo Unit
Rio Arriba County, New Mexico
1983 Drilling Program

ATTENTION: Mr. D. N. Canfield

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Drilling Program for the Canyon Largo Unit, Rio Arriba County, New Mexico. Such program provides for the drilling of the Well No. 318 to test the Dakota formation and the Well Nos. 324, 325, 326, 327 and 328 to test the Gallup formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

3100.6

RECEIVED
JUL - 8 1983
OIL CONSERVATION DIVISION
SANTA FE

JUL 07 1983

El Paso Natural Gas Company
Attention: D. N. Canfield
P. O. Box 1492
El Paso, TX 79978

Gentlemen:

Three [redacted] copies of your 1983 Plan of Development for the [redacted] [redacted] area, Rio Arriba County, New Mexico are enclosed. Such plan, proposing to drill 5 Gallup wells in sections 5 and 20 T. 24 N., R. 6 W., and section 32 and 33 T. 25 N., R. 6 W., and one Dakota well in section 13, T. 24 N., R. 6 W., N.M.P.M., was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON
Assistant District Manager
for Minerals

Enclosure

cc:
NMOCD
Commissioner of Public Lands
Farmington Resource Area (w/enclosure)
Unit File Canyon Largo Unit
O & G Chrono
SEUmshler:pmr:7-7-83

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

June 23, 1983

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1983 Drilling Program

Gentlemen:

By letter dated April 1, 1982, El Paso Natural Gas Company, as Unit Operator of the Canyon Largo Unit, filed a Drilling Program covering the subject Unit for the calendar year 1982, providing for the drilling of fourteen (14) Gallup wells. El Paso Natural Gas Company, as Unit Operator, has designated Merrion Oil & Gas Corporation as Sub-operator for the purpose of developing certain other acreage within this Unit as to the Tertiary and Gallup formations.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs	
Commercial	172
Non-Commercial	9
Plugged and Abandoned	13
Chacra	
Commercial	27
Non-Commercial	1
Plugged and Abandoned	1

Dual, PC/Chacra	
Commercial	5
Non-Commercial, Chacra	1
Temporarily Abandoned	1
Mesaverde	
Non-Commercial	2
Dual, MV/Chacra	
Commercial, Chacra (Non-Commercial Mesaverde)	1
Tertiary	
Plugged and Abandoned	1
Gallup	
Commercial	35
Non-Commercial	1
Dual, Gallup/Dakota	
Non-Commercial, Gallup	1
Non-Commercial, Dakota	1
Dakota	
Commercial	26
Non-Commercial	9
	307

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following wells during the calendar year 1983:

Well No.	Drilling Block	Formation
Com #318	W/2 Section 13-24N-6W	Dakota
#324	W/2 Section 20-24N-6W	Gallup
#325	E/2 Section 33-25N-6W	Gallup
#326	W/2 Section 33-25N-6W	Gallup
#327	E/2 Section 32-25N-6W	Gallup
#328	W/2 Section 5-24N-6W	Gallup

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

D. N. Canfield
Attorney-in-Fact

DNC:VLG:cc
Enclosures
Canyon Largo Unit, 3.0

El Paso
Natural Gas Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

June 23, 1983

case #541

Bureau of Land Management
South Central Region
505 Marquette Avenue, N.W., Suite 815
Albuquerque, New Mexico 87102

Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico 87501

Oil Conservation Division
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Canyon Largo Unit #14-08-001-1059
Rio Arriba County, New Mexico
1983 Drilling Program

Gentlemen:

By letter dated April 1, 1982, El Paso Natural Gas Company, as Unit Operator of the Canyon Largo Unit, filed a Drilling Program covering the subject Unit for the calendar year 1982, providing for the drilling of fourteen (14) Gallup wells. El Paso Natural Gas Company, as Unit Operator, has designated Merrion Oil & Gas Corporation as Sub-operator for the purpose of developing certain other acreage within this Unit as to the Tertiary and Gallup formations.

As of this date, the total number of wells in the Canyon Largo Unit is as follows:

Pictured Cliffs	
Commercial	172
Non-Commercial	9
Plugged and Abandoned	13
Chacra	
Commercial	27
Non-Commercial	1
Plugged and Abandoned	1

Dual, PC/Chacra	
Commercial	5
Non-Commercial, Chacra	1
Temporarily Abandoned	1
Mesaverde	
Non-Commercial	2
Dual, MV/Chacra	
Commercial, Chacra (Non-Commercial Mesaverde)	1
Tertiary	
Plugged and Abandoned	1
Gallup	
Commercial	35
Non-Commercial	1
Dual, Gallup/Dakota	
Non-Commercial, Gallup	1
Non-Commercial, Dakota	1
Dakota	
Commercial	26
Non-Commercial	9
	307

Pursuant to Section 10 of the Canyon Largo Unit Agreement, El Paso Natural Gas Company, as Unit Operator, is submitting this Drilling Program providing for the drilling of the following wells during the calendar year 1983:

Well No.	Drilling Block	Formation
Com #318	W/2 Section 13-24N-6W	Dakota
#324	W/2 Section 20-24N-6W	Gallup
#325	E/2 Section 33-25N-6W	Gallup
#326	W/2 Section 33-25N-6W	Gallup
#327	E/2 Section 32-25N-6W	Gallup
#328	W/2 Section 5-24N-6W	Gallup

All working interest owners have been contacted, and this Drilling Program reflects their desires. El Paso Natural Gas Company, as Unit Operator, and the working interest owners believe that all current obligations have been satisfied.

El Paso Natural Gas Company, as Unit Operator, plans to drill any offset wells required to prevent drainage of unitized substances and any other wells deemed necessary or desirable by the Unit Operator and the working interest owners.

If this Drilling Program is acceptable, please signify your approval as required under Section 10 of the Unit Agreement in the space provided on the attached sheet and return an approved copy to El Paso Natural Gas Company.

Copies of this letter are being sent to the working interest owners shown on the attached sheet.

Very truly yours,

D. N. Canfield
Attorney-in-Fact

DNC:VLG:cc
Enclosures
Canyon Largo Unit, 3.0

APPROVED: _____ DATED: _____

Minerals Management Service
(Subject to like approval by the
Commissioner of Public Lands and
the Oil Conservation Division)

APPROVED: _____ DATED: _____

Commissioner of Public Lands
(Subject to like approval by the
Minerals Management Service and
the Oil Conservation Division)

APPROVED: Roy E Johnson DATED: 7-8-83

Oil Conservation Division
(Subject to like approval by the
Minerals Management Service and
the Commissioner of Public Lands)

The foregoing approvals are for the 1983 Drilling Program for the Canyon Largo Unit, #14-08-001-1059, Rio Arriba County, New Mexico.

CANYON LARGO UNIT
Working Interest Owners

Mr. Joe Abraham

Estate of Oscar Abraham

Amax Petroleum Corporation

American Petrofina Company of Texas

Amoco Production Company (4)

Atlantic Richfield Company (3)

Iris V. Balbach, Administratix of
Estate of Loren Wilcox

Mr. Tom Bolack and Tommy
Bolack, General Partners
Bolack Minerals Company

Burton-Hawks, Inc.

Elizabeth Jeanne Turner Calloway

Conoco, Inc.

J. B. Davis and Paulene D. Davis

Mr. Robert Donnell

Walter Famariss, Jr. and
Thelma Jackson Famariss

Catherine W. Fikes

Leland Fikes Foundation, Inc.

The Fort Worth National Bank
GMFG Oil Account No. 3153

Getty Oil Company

Lorna A. Harvey

Mr. A. G. Hill

Margaret Hunt Hill

Kimbell Oil Company

Estate of Hugh McMillan

Mrs. Merle McMillan

Edna W. Merrion Trusts
No. 1, 2, 3

Merrion Oil & Gas Corporation

Mrs. Ana Gardner Osborn

Petroleum Corporation of Texas

PWG Partnership

Mr. Frank A. Schultz, Jr.

Tenneco Oil Company

Mr. Frederick Eugene Turner

Mr. J. Glenn Turner, Jr.

J. Glenn Turner, Jr. &
Mercantile Nat'l Bank at
Dallas, Texas, as Trustees under
a Trust Agreement created for the
benefit of Mary Frances Turner, Jr. (3095)

Mr. John Lee Turner

Mr. William G. Webb

The Wiser Oil Company

June 10, 1983

RE: Canyon Largo #318 Well
Township 24 North, Range 6 West, N.M.P.M.
Section 13: W/2
Rio Arriba County, New Mexico

We have enclosed for your review a copy of the Operating Agreement for the above-captioned well.

Also you will find enclosed three Signature Pages and Acknowledgments to be executed and acknowledged upon your approval of the Operating Agreement.

Please retain the Operating Agreement and one Signature Page and Acknowledgment for your records. Then return the other two executed Signature and Acknowledgment pages to this office in the enclosed pre-stamped and pre-addressed envelope.

Thank you in advance for your assistance and cooperation in this matter. If you have any questions please feel free to contact us.

Sincerely,

Skip Fraker
Landman

SF:lag

Enclosures

cc: Tom Bolack and Tommy Bolack
General Partners
Bolack Minerals Company
Route 3 South, Box 47
3901 Bloomfield Highway
Farmington, New Mexico 87401

William R. Speer
P. O. Box 255
Farmington, New Mexico 87499

June 10, 1983

RE: Canyon Largo #318 Well
Township 24 North, Range 6 West, N.M.P.M.
Section 13: W/2
Rio Arriba County, New Mexico

We have enclosed for your review a copy of the Communitization Agreement for the above-captioned well.

Also you will find enclosed six Signature Pages and Acknowledgments to be executed and acknowledged upon your approval of the Communitization Agreement.

Please retain the Communitization Agreement and one Signature Page and Acknowledgment for your records. Then return the other five executed Signature and Acknowledgment pages to this office in the enclosed pre-stamped and pre-addressed envelope.

Thank you in advance for your assistance and cooperation in this matter. If you have any questions, please feel free to contact us.

Sincerely,

Skip Fraker
Landman

SF:lag

Enclsoure

cc: Tom Bolack and Tommy Bolack
General Partners
Bolack Minerals Company
Route 3 South, Box 47
3901 Bloomfield Highway
Farmington, New Mexico 87401

William R. Speer
P. O. Box 255
Farmngton, New Mexico 87499

El Paso
Exploration Company

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

May 10, 1983

Richard T.C. Tully, P.A.
Law Office
3001 Northridge Drive/Suite A
Post Office Box 268
Farmington, New Mexico 87499-0268

Attention: Mr. Richard T.C. Tully

Re: Canyon Largo Unit #318
W/2 Section 13, T-24-N, R-6-W
Rio Arriba County, New Mexico

Dear Mr. Tully:

The referenced well has been included under our proposed 1983 Drilling Program. The letter requesting approval from the Canyon Largo Unit working interest owners has been mailed and we are awaiting their response at this time. As I have mentioned to you before, we will not be able to add this well on our 1983 drilling program, for approval by the various regulatory agencies, until we receive verification from you that Bolack Minerals Company has approval from the working interest owners in the NW/4 of Section 13, T-24-N, R-6-W which is located outside the Unit. Please send for completion of our records copies of the Operating Agreement, Communitization Agreement and any other agreements you may have entered into in reference to this well. We need to know who the working interest owners are and what their working interest is in regards to the subject well. Please provide the necessary information to me as soon as possible so that when we are ready to submit our 1983 Drilling Program to the regulatory agencies I will be able to add this well.

If I can be of further assistance, please advise.

Very truly yours,

Van L. Goebel

Van L. Goebel
Landman
Land Department

VLG:cc
Canyon Largo Unit, 3.0

cc: Mr. David Poage

Mr. William R. Speer
Consulting Geologist
Petroleum Club Plaza Bldg.

RECEIVED
APR 26 1983
OIL CONSERVATION DIVISION
SANTA FE

APR 21 1983

Case 541

El Paso Exploration Company
Attention: James R. Permenter
P. O. Box 1492
El Paso, TX 79978

Gentlemen:

Enclosed are 3 copies of the Seventh, Eighth, Ninth, Tenth and Eleventh Revisions to the Gallup Participating Area, Cougar Large Unit, Rio Arriba County, New Mexico. The revisions are hereby accepted for record on this date. The Seventh Revision will be effective as of March 1, 1981, the Eighth Revision will be effective as of July 1, 1981, the Ninth Revision will be effective as of August 1, 1981, the Tenth Revision will be effective as of November 1, 1981, and the Eleventh Revision will be effective as of June 1, 1982.

Sincerely yours,

(ORIG. SGD.)

Assistant District Manager
for Minerals

cc:
Comm of Public Lands
NMOCD